

WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration,
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service and
World Agricultural Outlook Board

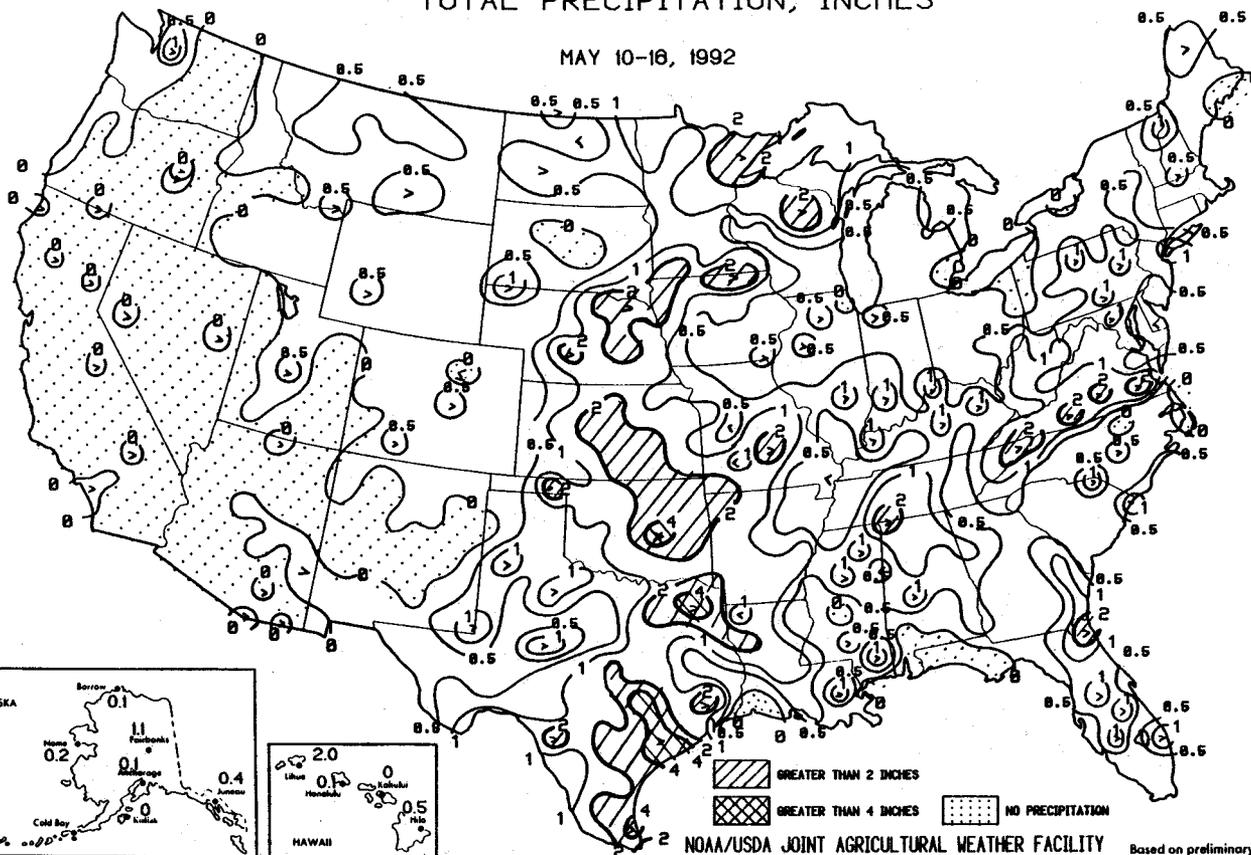
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May 19, 1992

TOTAL PRECIPITATION, INCHES

MAY 10-16, 1992



NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY Based on preliminary reports

HIGHLIGHTS

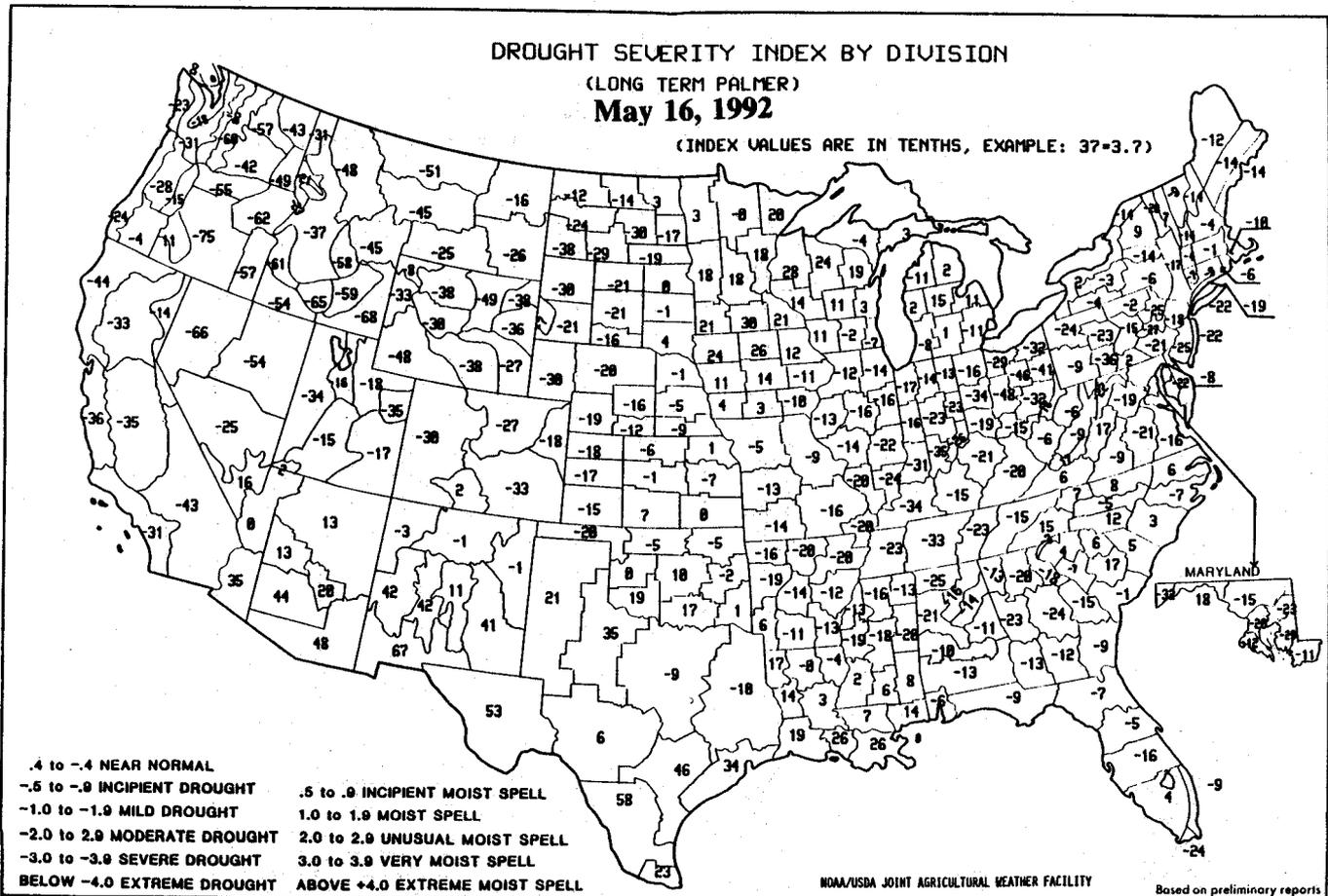
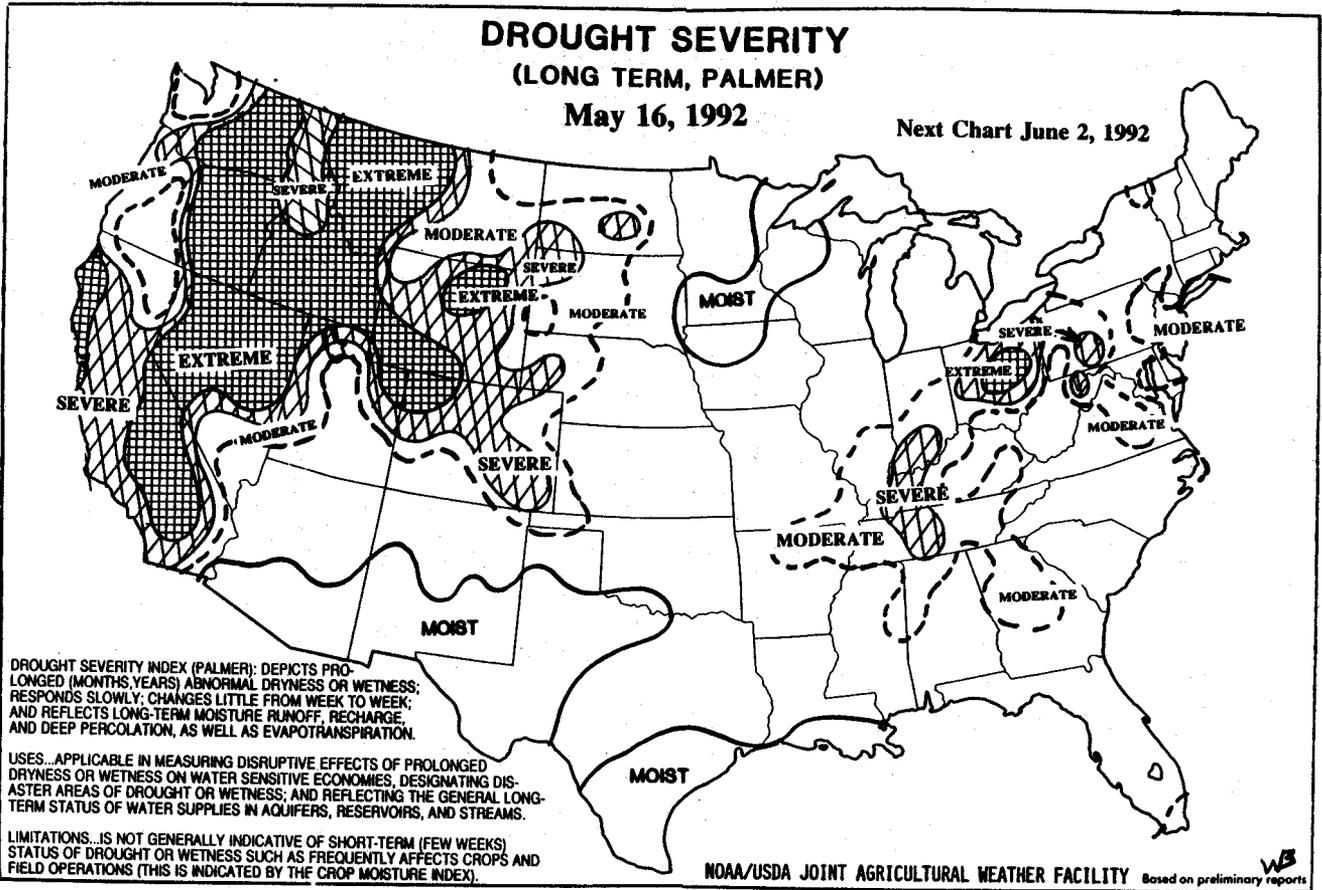
May 10 - 16, 1992

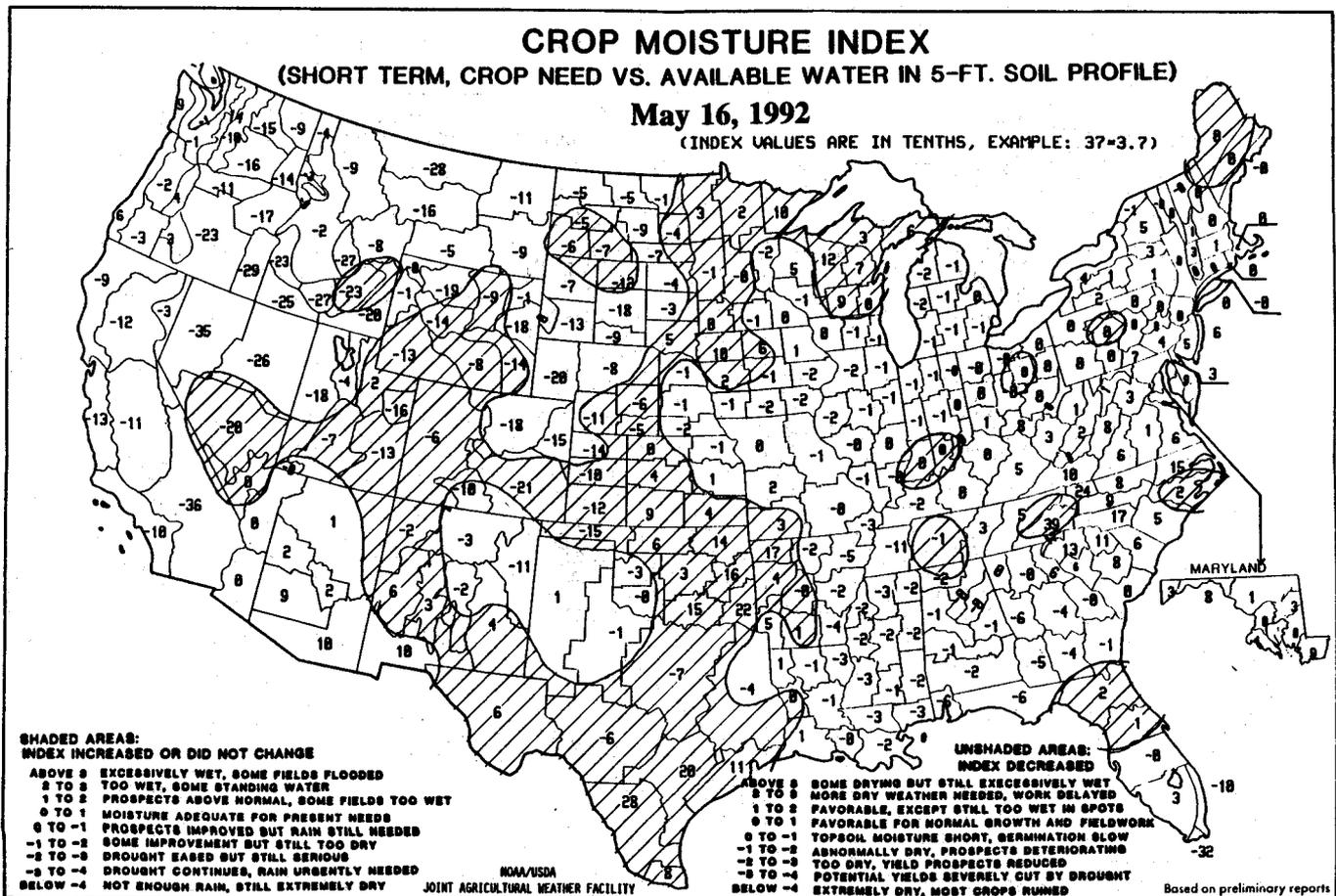
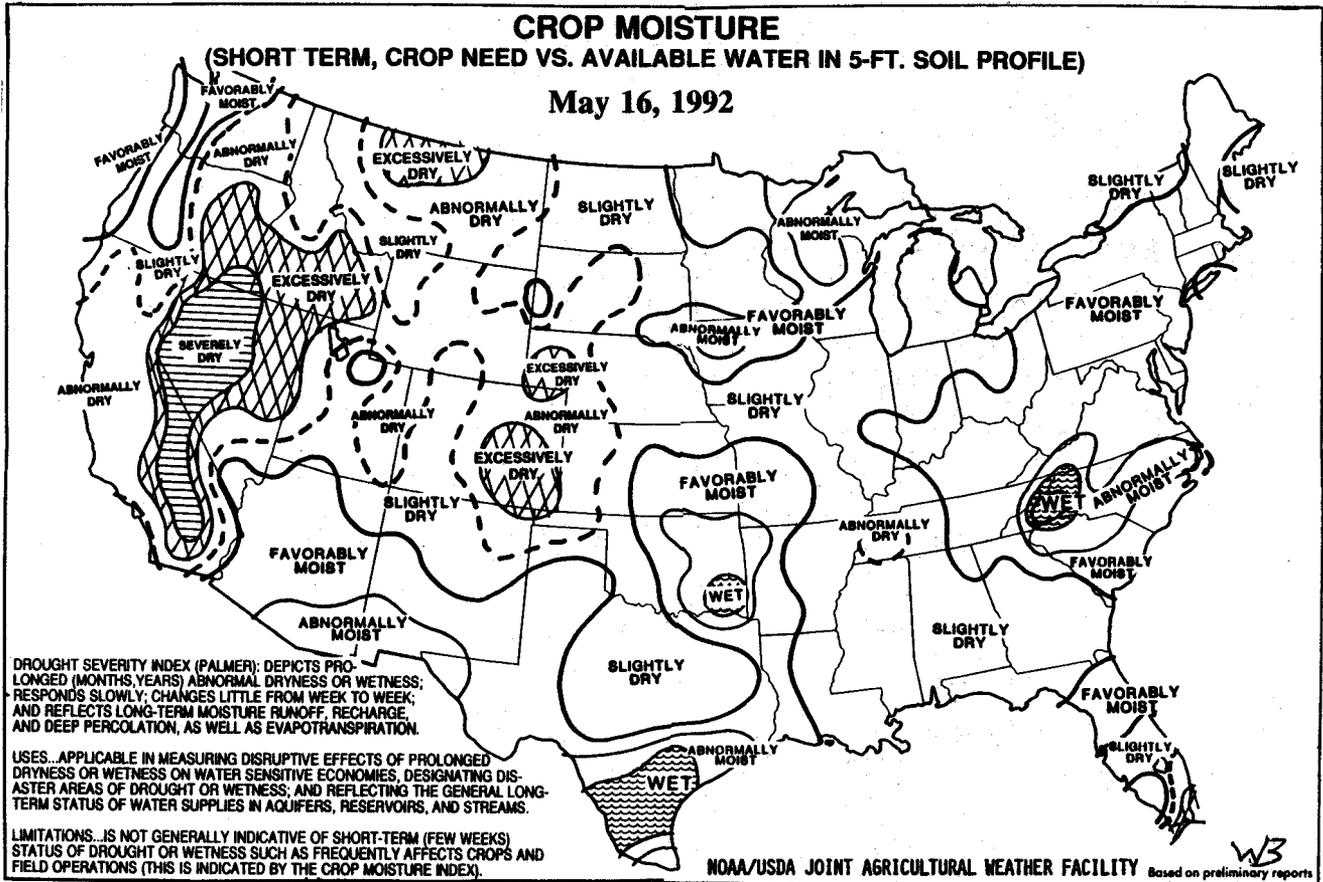
Thunderstorms dampened the corridor from eastern Texas to the western Great Lakes, but dry weather prevailed in the West and in parts of the Midwest southward to the Mississippi River Delta. Early-week storms flared throughout the eastern Plains, fueled by a sharp temperature contrast. Among the hardest hit areas was eastern Oklahoma, where Tulsa and McAlester reported more than 3 inches of rain. Temperatures reached the 80's as far north as International Falls, MN, but farther west, morning lows dipped to 23°F in Ely, NV, and 19°F in Butte, MT. At midweek, locally heavy showers peppered the Southeast, while strong thunderstorms redeveloped in the central and southern Plains. Rainfall on Wednesday topped 1 inch in much of eastern Kansas. A day later, locally heavy rain soaked eastern Texas from Dallas southward to Corpus Christi. Sporadic heavy rainfall continued in eastern Texas through Saturday. Late in the

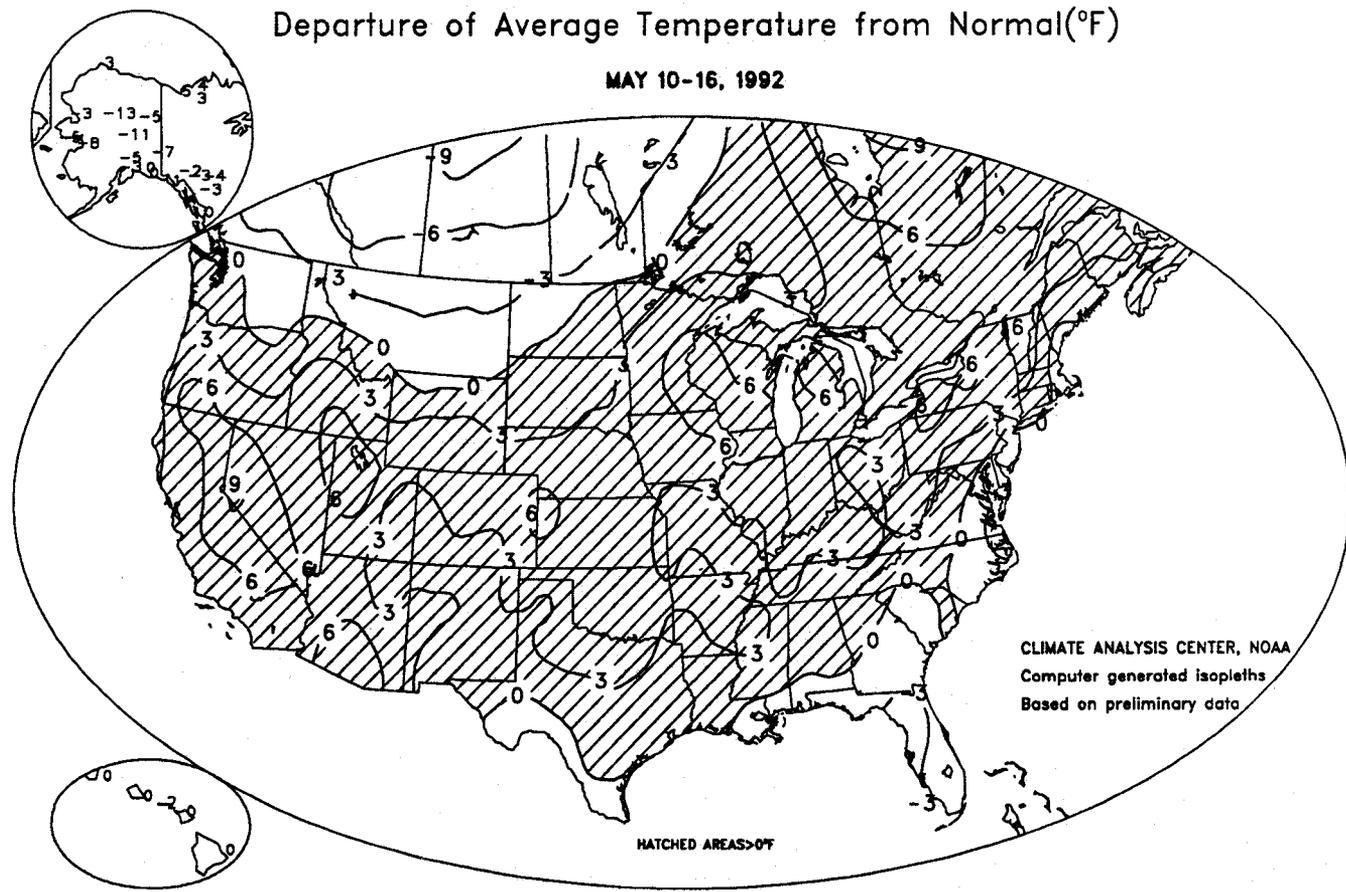
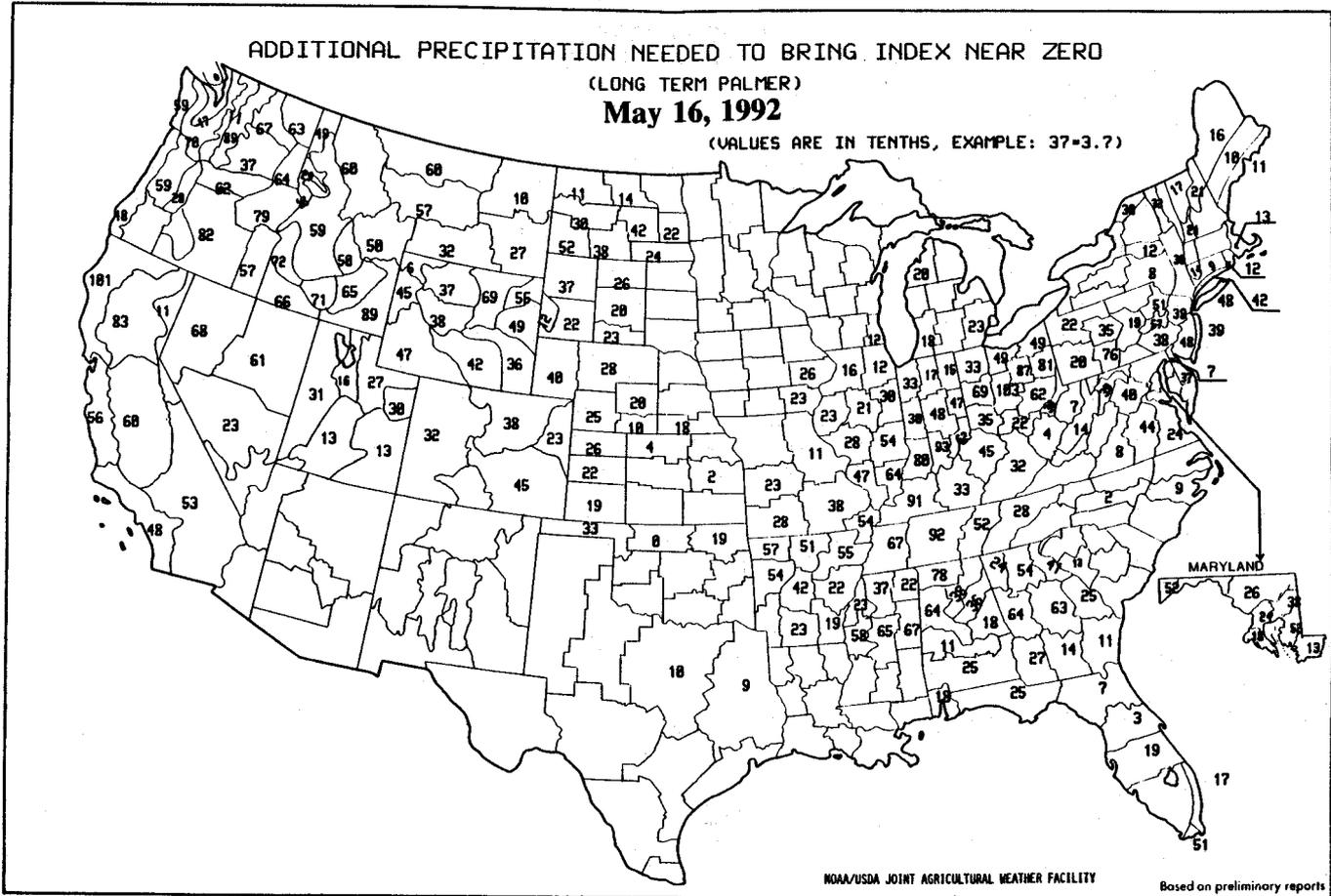
week, thunderstorms again stretched from Texas to western Ontario as cool air spilled into the northern Plains. Kalispell, MT, recorded a daily record low of 26°F on Saturday, while Moline and Rockford, IL, attained daily record highs of 90°F.

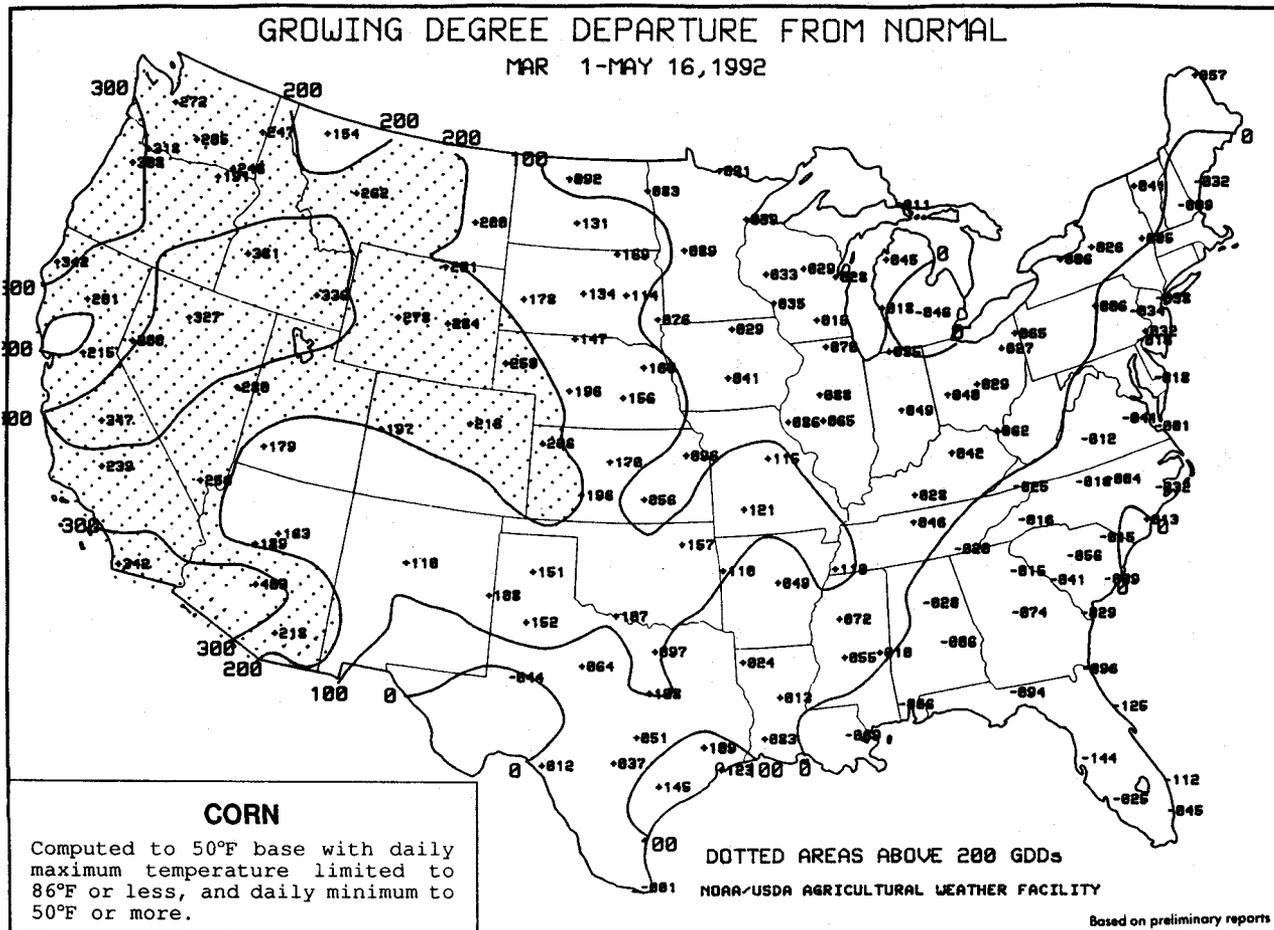
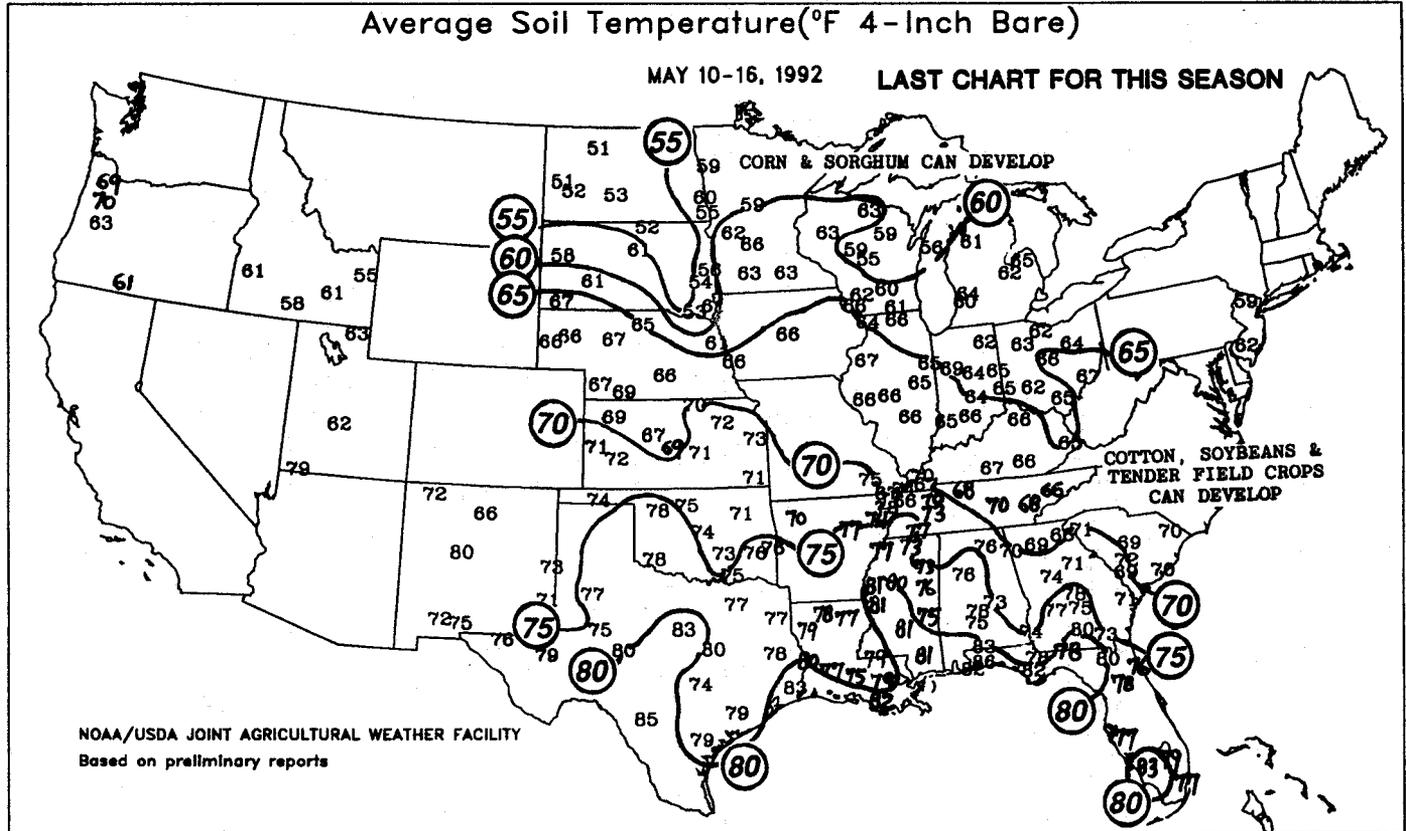
Contents

	Page
Highlights & Total Precipitation Map	1
Drought Severity Maps	2
Crop Moisture Maps	3
Precipitation Needed to End Drought & Temperature Departure Maps	4
Soil Temperature & GDD Departure Maps	5
National Weather Data for Selected Cities	6
National Agricultural Summary	9
Crop Progress and Condition Tables	10
State Summaries of Weather and Agriculture	11
International Weather and Crop Summary	17
Subscription and Mailing Permit Information ..	20









National Weather Data for Selected Cities

Weather Data for the Week Ending May 16, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	TEMP. °F		PRECIP.	
																90 AND ABOVE	92 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	83	56	86	45	70	0	.7	-.4	.6	6.9	49	14.6	61	94	45	0	0	0	1
MOBILE	86	61	90	53	74	-1	.0	-1.2	.0	5.5	38	25.4	105	97	37	2	0	2	0
MONTGOMERY	85	57	87	45	71	-1	.4	-.5	.4	6.7	54	22.7	107	97	41	0	0	2	0
AK ANCHORAGE	49	36	52	31	43	-3	.1	.0	.1	.7	47	2.9	92	76	34	0	2	2	0
BARROW	29	14	34	11	22	3	.1	.0	.0	.3	73	.5	58	93	76	0	7	3	0
FAIRBANKS	42	29	50	24	36	-12	3	1.1	.7	1.7	199	3.3	175	91	44	0	5	5	1
JUNEAU	53	39	60	35	46	0	.5	-1.3	.5	15.3	193	31.3	202	97	49	0	0	1	0
KODIAK	52	37	57	32	44	2	.0	-1.2	.0	8.3	81	19.5	92	76	40	0	1	0	0
NOME	33	26	35	18	30	-5	.2	.1	.1	1.4	103	2.3	86	96	80	0	7	4	0
AZ PHOENIX	98	72	101	67	85	9	T	.0	.0	3.1	282	5.6	234	44	17	7	0	0	0
PRESCOTT	79	49	81	46	64	5	.1	.0	.1	3.0	188	6.6	196	63	19	0	0	1	0
TUCSON	96	63	99	61	80	7	T	.0	.0	2.4	221	5.4	215	53	15	6	0	0	0
YUMA	98	69	101	67	83	6	.0	.0	.0	1.6	586	2.9	318	--	--	7	0	0	0
AR FORT SMITH	84	61	88	56	72	3	2.0	.9	1.4	8.1	77	11.0	73	97	51	0	0	3	1
LITTLE ROCK	84	63	89	59	74	4	.7	-.5	.5	10.5	81	14.6	70	88	56	0	0	3	0
CA BAKERSFIELD	89	61	95	57	75	5	.0	-.1	.0	1.9	115	5.6	151	68	28	2	0	0	0
BURBANK	60	49	61	46	54	2	T	-.4	T	6.0	68	13.7	65	87	73	0	0	0	0
FRESNO	89	60	93	57	74	2	.0	-.1	.0	2.3	80	9.0	131	67	24	2	0	0	0
LOS ANGELES	72	61	74	59	67	4	T	.0	T	5.3	195	11.6	140	88	62	0	0	0	0
REDDING	87	56	93	52	71	3	.0	-.3	.0	5.3	63	18.5	79	78	25	1	0	0	0
SACRAMENTO	83	53	91	50	68	3	.0	-.1	.0	2.9	84	9.8	94	85	31	1	0	0	0
SAN DIEGO	74	64	76	63	69	6	.0	-.1	.0	4.7	190	9.9	164	78	57	0	0	0	0
SAN FRANCISCO	71	54	81	53	63	3	.0	-.1	.0	4.4	102	12.9	105	85	50	0	0	0	0
CO DENVER	76	48	85	43	62	5	T	-.6	T	4.1	95	5.4	98	73	23	0	0	0	0
GRAND JUNCTION	78	49	84	42	64	2	.1	-.1	.1	2.7	146	3.2	108	72	19	0	0	1	0
PUEBLO	81	43	90	35	62	2	.1	-.3	.0	1.9	76	2.1	71	66	21	1	0	2	0
CT BRIDGEPORT	65	52	77	48	58	1	.4	-.4	.4	6.7	70	10.7	68	92	54	0	0	3	0
HARTFORD	72	49	78	41	61	2	.2	-.5	.2	8.5	86	13.4	81	93	41	0	0	1	0
DC WASHINGTON	74	55	79	50	65	-1	.4	-.4	.4	7.1	88	12.2	90	96	52	0	0	1	0
FL APALACHICOLA	81	60	84	51	70	-4	.4	-.6	.0	3.1	36	18.4	115	--	--	0	0	0	0
DAYTONA BEACH	83	62	87	55	72	-2	.4	-.4	.4	5.8	88	10.0	81	97	49	0	0	1	0
JACKSONVILLE	85	62	89	55	73	-2	3.9	3.0	3.9	13.8	164	22.2	148	98	44	0	0	3	1
KEY WEST	85	73	87	69	79	-1	.0	-.7	.0	4.2	101	5.7	72	81	53	0	0	0	0
MIAMI	86	70	88	68	78	-1	.4	-1.0	.3	5.5	67	8.8	71	84	47	0	0	2	0
ORLANDO	86	64	89	60	75	-2	.4	-.4	.3	13.4	189	17.2	138	96	41	0	0	2	0
TALLAHASSEE	88	56	90	47	72	-2	.4	-.7	.4	4.6	38	17.5	80	96	38	2	0	0	0
TAMPA	86	63	89	57	74	-3	.1	-.6	.1	3.2	48	8.3	69	95	41	0	0	0	0
WEST PALM BEACH	85	65	87	61	75	-3	.9	-.4	.8	6.1	70	11.1	79	92	47	0	0	2	0
GA ATLANTA	83	61	87	54	72	3	1.0	.0	1.0	6.0	49	13.5	62	86	39	0	0	1	1
AUGUSTA	84	53	88	45	69	-2	T	-.8	T	7.0	70	16.0	88	100	43	0	0	1	0
MACON	85	57	89	47	71	-1	.3	-.6	.2	5.9	56	16.4	84	96	40	0	0	2	0
SAVANNAH	83	62	87	56	72	-1	.1	-.9	.1	6.6	72	15.5	99	92	45	0	0	1	0
HI HILO	80	66	83	61	73	0	.5	-1.7	.3	12.7	40	15.4	28	96	64	0	0	4	0
HONOLULU	85	69	87	63	77	0	.1	-.2	.1	.9	17	2.7	22	83	54	0	0	1	0
KABULUI	86	65	88	62	76	0	.0	-.1	.0	1.3	33	4.8	43	92	56	0	0	0	0
LIHUE	82	68	87	62	75	0	2.0	1.3	.9	6.7	72	11.1	57	92	62	0	0	4	2
ID BOISE	78	45	86	31	61	4	T	-.3	T	.8	30	2.1	38	57	16	1	0	0	0
LEWISTON	71	45	80	35	58	0	.0	-.3	.0	2.2	76	3.6	70	76	20	0	0	0	0
POCATELLO	74	42	82	35	58	4	T	-.3	T	1.3	49	2.2	47	56	20	0	0	0	0
IL CHICAGO	77	51	88	42	64	6	T	-.7	T	4.9	60	7.1	65	82	40	0	0	1	0
MOLINE	79	54	90	45	67	6	.2	-.8	.2	4.2	47	7.2	61	87	39	1	0	2	0
PEORIA	78	54	88	45	66	5	.4	-.5	.2	4.7	54	7.3	62	96	46	0	0	2	0
QUINCY	76	55	86	47	65	3	.1	-.9	.1	7.9	85	10.0	82	74	40	0	0	3	0
ROCKFORD	77	52	90	44	65	6	.1	-.7	.1	5.8	66	8.1	71	83	38	1	0	2	0
SPRINGFIELD	78	56	87	49	67	4	.2	-.6	.2	5.7	64	8.3	68	91	41	0	0	2	0
IN EVANSVILLE	82	56	89	49	69	4	.5	-.5	.5	6.5	60	8.9	52	91	39	0	0	1	1
FORT WAYNE	76	49	85	42	63	3	.1	-.7	.0	7.1	85	10.1	81	89	38	0	0	2	0
INDIANAPOLIS	77	53	84	47	65	3	.5	-.3	.5	7.6	83	10.1	71	95	47	0	0	2	0
SOUTH BEND	76	51	85	40	63	5	.1	-.5	.1	5.2	61	8.6	66	89	39	0	0	2	0
IA DES MOINES	78	57	88	49	67	6	.2	-.7	.2	6.3	85	9.4	98	80	43	0	0	2	0
SIOUX CITY	74	54	82	44	64	3	3.3	2.5	1.8	7.9	139	9.3	127	88	50	0	0	3	2
WATERLOO	77	53	89	45	65	7	.5	-.5	.4	7.3	92	9.8	101	80	37	0	0	2	0
KS CONCORDIA	78	56	83	52	67	4	1.9	1.0	1.3	6.5	106	8.1	106	97	53	0	0	4	1
DODGE CITY	81	56	85	52	68	5	1.3	.6	.9	2.9	59	3.7	62	91	38	0	0	3	1
GOODLAND	80	50	89	45	65	7	T	-.6	T	1.9	53	2.7	61	79	26	0	0	2	0
TOPEKA	79	56	84	53	68	4	1.3	.4	1.2	9.9	136	11.9	129	89	51	0	0	2	1
WICHITA	79	59	84	56	69	4	2.0	1.1	1.0	7.0	109	8.1	101	96	53	0	0	4	1
KY BOWLING GREEN	82	54	87	46	68	4	.3	-.6	.3	8.5	72	13.6	66	97	46	0	0	1	0
LEXINGTON	80	56	84	51	68	4	.3	-.6	.3	8.5	77	14.0	78	90	47	0	0	1	0
LOUISVILLE	83	56	87	51	69	4	.4	-.6	.4	10.0	91	13.7	78	90	42	0	0	1	0
LA ALEXANDRIA	85	65	90	59	75	1	1.1	-.1	1.1	10.5	79	23.4	104	93	52	1	0	1	1
BATON ROUGE	87	63	91	53	75	1	.4	-.7	.4	7.2	56	24.4	108	96	46	3	0	1	0
LAKE CHARLES	85	68	91	62	77	2	T	-1.3	T	11.4	114	26.3	146	100	61	1	0	0	0
NEW ORLEANS	86	62	90	53	74	0	T	-1.1	T	9.4	80	28.1	127	99	46	1	0	1	0

Based on 1951-80 normals.

Weather Data for the Week Ending May 16, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS																													
	AVERAGE	MAXIMUM	AVERAGE	MINIMUM	EXTREME	EXTREME	AVERAGE	DEPARTURE	FROM	NORMAL	WEEKLY	TOTAL,	IN.	DEPARTURE	FROM	NORMAL	GREATEST	IN,	24-HOUR,	IN.	TOTAL,	IN.,	SINCE	Mar 1	PCT. NORMAL	SINCE	Mar 1	TOTAL,	IN.,	SINCE	Jan 1	PCT. NORMAL	SINCE	Jan 1	AVERAGE	MAXIMUM	AVERAGE	MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH	OR MORE	.50 INCH	OR MORE
SHREVEPORT	87	64	93	55	75	3	.8	-.3	.4	10.1	92	21.2	114	97	58	2	0	4	0																									
ME CARIBOU	68	42	78	32	55	5	.7	-.0	.6	6.2	96	12.7	115	75	31	0	1	3	0																									
PORTLAND	59	41	71	31	50	2	.7	-.7	.4	6.7	70	14.9	88	96	55	0	1	1	0																									
MD BALTIMORE	73	54	79	48	63	0	.5	-.3	.5	7.5	85	11.2	76	98	55	0	0	2	0																									
SALISBURY	70	52	81	49	61	0	.2	-.6	.2	7.2	80	13.2	83	99	66	0	0	1	0																									
MA BOSTON	59	46	73	41	53	5	.1	-.7	.1	7.1	73	12.5	72	97	65	0	0	2	0																									
CHATHAM	56	44	66	42	50	2	.1	-.8	.1	7.5	76	11.1	60	98	74	0	0	2	0																									
MI ALPENA	71	41	85	31	56	5	.5	-.1	.4	4.6	79	8.0	90	94	36	0	1	2	0																									
DETROIT	74	50	84	42	62	5	.5	-.6	.4	8.0	113	11.3	106	87	42	0	0	0	0																									
FLINT	76	49	85	40	63	7	.1	-.6	.0	6.6	100	9.3	96	90	35	0	0	2	0																									
GRAND RAPIDS	77	49	85	39	63	6	.4	-.3	.3	7.9	103	10.5	94	90	36	0	0	2	0																									
HOUGHTON LAKE	72	46	82	28	59	6	.1	-.5	.1	5.3	92	8.0	92	74	34	0	1	2	0																									
LANSING	75	47	82	37	61	5	.1	-.4	.1	7.5	117	10.2	108	90	39	0	0	1	0																									
MARQUETTE	68	43	81	29	55	6	1.3	.4	.4	6.0	70	10.0	80	87	54	0	2	4	0																									
MUSKOGON	74	47	84	37	60	5	.5	-.6	.4	5.6	80	8.3	75	90	34	0	0	1	0																									
SAULT ST. MARIE	66	40	84	28	53	4	.7	.0	.3	5.2	89	9.1	94	90	50	0	2	3	0																									
MN ALEXANDRIA	70	49	78	38	60	5	1.3	.6	.7	5.1	106	6.4	100	92	43	0	0	4	1																									
DULUTH	68	43	80	33	56	6	2.3	1.6	1.0	6.1	112	7.3	97	89	43	0	0	6	2																									
INT'L FALLS	67	41	83	30	54	3	1.6	1.0	.7	3.7	96	6.0	111	95	38	0	1	5	2																									
MINNEAPOLIS	74	55	85	42	64	7	.2	-.5	.2	3.8	72	5.0	72	81	41	0	0	3	0																									
ROCHESTER	73	52	84	42	63	6	1.4	.6	1.1	7.1	118	8.7	115	86	47	0	0	3	1																									
MS GREENWOOD	87	63	91	57	75	3	1.2	.1	1.1	7.8	54	13.5	55	90	41	1	0	2	1																									
JACKSON	88	59	91	50	74	2	.2	-.2	.1	3.6	26	11.7	50	95	36	2	0	0	0																									
MERIDIAN	87	59	91	50	73	2	.1	-.9	.1	9.9	69	20.9	87	89	37	1	0	1	0																									
MO CAPE GIRARDEAU	83	58	88	48	70	1	.1	-.1	.1	5.9	49	11.2	62	85	37	0	0	1	0																									
COLUMBIA	76	54	84	47	65	1	1.0	.0	.5	6.7	69	9.2	69	89	49	0	0	3	1																									
KANSAS CITY	78	57	85	52	68	2	.6	-.4	.5	9.3	112	12.5	116	86	47	0	0	2	1																									
SAINT LOUIS	78	60	86	55	69	4	.6	-.2	.3	6.5	75	9.5	75	86	43	0	0	4	0																									
SPRINGFIELD	80	57	85	53	69	4	.8	-.2	.3	5.5	56	8.5	63	96	52	0	0	4	0																									
MT BILLINGS	67	41	77	33	54	0	.5	.0	.2	3.6	86	3.9	66	81	26	0	0	3	0																									
GLASGOW	66	38	77	32	52	2	.1	-.3	.0	9.9	52	1.2	49	76	24	0	1	3	0																									
GREAT FALLS	65	34	75	30	50	3	.3	-.1	.5	2.1	57	2.8	52	79	23	0	4	2	0																									
HAVRE	65	37	72	30	51	3	.1	-.4	.1	5.5	21	.7	20	69	21	0	2	0	0																									
HELENA	67	36	76	32	52	0	.1	-.4	.1	1.3	49	1.7	45	68	21	0	1	0	0																									
KALISPELL	63	33	72	26	48	3	.1	-.3	.1	2.1	79	4.1	76	87	28	0	4	2	0																									
MILES CITY	67	41	77	36	54	4	.3	-.3	.2	3.6	115	3.7	86	85	33	0	0	2	0																									
MISSOULA	66	36	75	24	51	1	.1	-.4	.1	2.9	110	3.4	72	74	23	0	1	0	0																									
NE GRAND ISLAND	78	51	85	40	65	4	2.7	1.9	2.2	6.6	109	9.4	128	93	43	0	0	5	1																									
LINCOLN	80	54	87	40	67	6	1.4	.6	1.3	4.8	70	7.1	84	91	43	0	0	2	1																									
NORFOLK	77	51	83	38	64	4	1.7	.9	1.3	4.9	88	7.0	102	88	41	0	0	4	1																									
NORTH PLATTE	78	46	86	38	62	5	1.7	.9	1.1	4.9	108	7.3	132	91	35	0	0	3	2																									
OMAHA	77	57	86	50	67	4	1.0	.0	.9	7.5	107	10.0	115	83	48	0	0	3	1																									
SCOTTSBLUFF	78	43	86	38	60	4	.1	-.5	.0	2.1	57	3.8	83	83	23	0	0	2	0																									
VALENTINE	78	42	88	36	60	4	.1	-.6	.1	2.3	54	3.0	61	83	28	0	0	1	0																									
NV ELY	75	34	79	27	55	3	.1	-.2	.1	1.7	73	2.9	77	81	15	0	1	2	0																									
LAS VEGAS	93	65	94	63	79	6	.0	-.1	.0	4.9	683	6.6	399	33	10	7	0	0	0	0																								
RENO	82	46	85	40	64	10	.0	-.2	.0	.8	49	1.3	35	61	14	0	0	0	0																									
WINNEMUCCA	82	38	86	30	60	6	.0	-.2	.0	1.1	61	1.4	42	46	13	0	2	0	0																									
NE CONCORD	71	43	78	30	57	2	.4	-.2	.2	6.1	81	9.4	73	95	38	0	1	3	0																									
NJ ATLANTIC CITY	68	48	81	39	58	2	.6	-.1	.6	6.0	69	9.1	58	99	60	0	0	3	1																									
NM ALBUQUERQUE	81	52	86	43	67	3	.1	.0	.1	1.5	137	2.3	123	62	17	0	0	1	0																									
CLOVIS	82	52	88	47	67	2	.1	-.4	.1	2.0	86	4.2	128	81	26	0	0	2	0																									
ROSWELL	87	55	94	50	71	3	.1	-.1	.1	1.0	88	2.6	134	72	22	3	0	1	0																									
NY ALBANY	75	50	81	43	63	6	.3	-.4	.2	6.1	81	9.3	76	90	37	0	0	4	0																									
BINGHAMTON	70	49	80	47	60	5	.3	-.4	.2	9.0	117	12.6	101	91	44	0	0	3	0																									
BUFFALO	75	50	86	44	62	7	.1	-.6	.1	8.5	114	13.0	100	91	43	0	0	2	0																									
NEW YORK	69	54	80	52	62	1	.7	-.1	.4	6.8	71	9.6	61	93	51	0	0	3	0																									
ROCHESTER	74	50	84	43	62	6	.7	-.6	.4	8.4	129	11.7	105	93	44	0	0	0	0																									
SYRACUSE	75	51	84	46	63	7	.3	-.4	.3	9.2	115	14.3	108	90	42	0	0	2	0																									
NC ASHEVILLE	76	52	79	44	64	1	.3	-.6	.3	11.6	113	18.3	109	97	48	0	0	2	0																									
CHARLOTTE	81	59	84	54	70	2	.2	-.6	.2	10.0	101	17.6	100	89	45	0	0	1	0																									
GREENSBORO	81	54	84	47	67	1	.1	-.7	.1	9.7	112	16.3	104	95	46	0	0	1	0																									
HATTERAS	73	55	82	52	64	2	.9	-.7	.3	11.3	123	19.9	110	95	59	0	0	0	0																									
NEW BERN	80	54	86	51	67	2	.3	-.7	.3	5.7	65	14.5	86	96	43	0	0	1	0																									
RALEIGH	80	54	84	44	67	0	.8	-.7	.8	5.4	65	11.5	74	98	46	0	0	0	0																									
WILMINGTON	79	56	83	51	68	3	.9	-.1	.9	12.2	135	21.4	132	98	53	0	0	1	1																									
ND BISMARCK	69	41	79	34	55	1	.7	.2	.6	1.7	53	2.5	58	91	32	0	0	3	1																									
FARGO	71	43	81	36	57	2	1.0	.5	.4	3.0	77	4.4	92	88	38	0	0	4	0																									
GRAND FORKS	70	43	79	34	57	3	1.2	.8	.9	3.2	104	4.2	97	84	32	0	0	4	1																									
WILLISTON	64	38	73	31	51	3	.1	-.4	.1	3.5	128	4.0	110	91	35	0	2	2	0																									
OH AKRON-CANTON	75	50	82	45	62	4	.1	-.8	.7	8.4	100	12.3	93	87	39	0	0	1	0																									
CINCINNATI	79	53	83	46	66	4	.1	-.8	.1	8.0	85	12.0	78	90	45	0	0	3	0																									
CLEVELAND	73	50	85	43	62	4	.1	-.7	.7	7.3	92	13.3	105	86	44	0	0	0	0																									
COLUMBUS	78	50	84	42	64	3	.1	-.7	.1	6.8	80	9.4	70	96	44	0	0	1	0																									

Based on 1951-80 normals.

Weather Data for the Week Ending May 16, 1992

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Mar 1	PCT. NORMAL SINCE Mar 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	TEMP. °F		PRECIP.	
																			.01 INCH OR MORE	.50 INCH OR MORE		
DAYTON	78	52	83	46	65	4	T	-8	T	8.9	106	12.9	98	91	41	0	0	0	0	0	0	0
TOLEDO	75	48	86	39	61	3	T	-6	T	7.1	100	10.5	96	89	36	0	0	0	0	0	0	0
YOUNGSTOWN	76	48	83	44	62	6	T	-7	T	8.2	97	12.0	90	93	39	0	0	0	0	0	0	0
OK OKLAHOMA CITY	85	62	93	58	73	6	T	2	T	6.2	79	8.6	85	90	46	1	0	0	0	0	0	2
TULSA	82	65	91	61	74	5	T	2	T	9.5	95	11.3	86	95	55	1	0	0	0	0	0	2
OR ASTORIA	62	42	75	35	52	0	T	-5	T	9.2	68	24.2	75	96	55	0	0	0	0	0	0	1
BURNS	74	35	80	24	54	3	T	-5	T	1.2	59	2.3	50	70	16	2	2	0	0	0	0	0
MEDFORD	82	46	88	39	64	7	T	-3	T	1.5	44	3.0	33	86	23	0	0	0	0	0	0	0
FENDLETON	71	45	79	35	58	0	T	-3	T	1.5	57	2.9	53	60	21	0	0	0	0	0	0	0
PORTLAND	72	46	87	39	59	3	T	-5	T	5.7	83	14.2	83	86	36	0	0	0	0	0	0	0
SALEM	73	42	83	38	58	3	T	-4	T	5.2	69	14.5	75	88	34	0	0	0	0	0	0	0
PA ALLENTOWN	70	52	76	44	61	2	T	5	T	6.8	71	10.1	63	92	51	0	0	0	0	0	0	0
ERIE	71	51	85	46	61	6	T	2	T	6.4	80	11.0	87	88	47	0	0	0	0	0	0	0
HARRISBURG	73	54	77	48	63	2	T	-2	T	9.1	106	11.7	82	90	45	0	0	0	0	0	0	1
PHILADELPHIA	73	54	80	48	64	4	T	-2	T	5.7	64	7.8	52	91	49	0	0	0	0	0	0	0
PITTSBURGH	78	53	84	49	65	5	T	-8	T	7.3	84	11.2	80	88	37	0	0	0	0	0	0	0
SCRANTON	74	52	82	47	63	6	T	-4	T	6.1	84	8.7	75	91	41	0	0	0	0	0	0	0
RI PROVIDENCE	69	49	80	44	59	5	T	-8	T	7.3	73	14.2	79	96	46	0	0	0	0	0	0	0
SC CHARLESTON	83	61	86	57	72	2	T	-9	T	6.8	77	14.1	90	96	43	0	0	0	0	0	0	0
COLUMBIA	84	54	87	48	69	2	T	-9	T	8.2	77	15.5	81	99	40	0	0	0	0	0	0	0
FLORENCE	84	58	85	56	71	2	T	-7	T	6.1	71	11.6	74	93	40	0	0	0	0	0	0	0
GREENVILLE	81	54	83	48	68	1	T	-6	T	13.5	110	22.1	105	95	44	0	0	0	0	0	0	0
SD ABERDEEN	73	42	84	34	58	2	T	-4	T	1.1	27	2.2	42	91	32	0	0	0	0	0	0	0
HURON	74	42	83	37	58	2	T	-5	T	3.0	67	4.9	86	89	36	0	0	0	0	0	0	0
RAPID CITY	69	43	80	37	56	2	T	-1	T	5.5	85	4.1	77	82	36	0	0	0	0	0	0	0
SIoux FALLS	74	50	81	36	62	1	T	-9	T	1.3	6.0	109	8.5	122	90	41	0	0	0	0	0	5
TN CHATTANOOGA	81	54	83	46	68	0	T	-8	T	1.1	8.2	63	17.1	74	100	43	0	0	0	0	0	1
KNOXVILLE	82	57	85	50	69	2	T	-4	T	1.2	8.8	78	16.0	79	100	48	0	0	0	0	0	2
MEMPHIS	86	63	90	55	75	4	T	-1	T	1.1	8.5	61	12.6	55	85	41	1	0	0	0	0	1
NASHVILLE	82	56	87	49	69	4	T	-1	T	1.2	6.7	54	12.2	58	96	48	0	0	0	0	0	1
TX ABILENE	86	64	99	59	75	3	T	-5	T	3.1	59	8.5	119	89	39	3	0	0	0	0	0	3
AMARILLO	83	52	89	45	67	3	T	-2	T	3.2	99	4.0	94	89	29	0	0	0	0	0	0	0
AUSTIN	86	68	94	66	77	3	T	-3	T	4.7	3.7	3.3	12.1	173	23.5	212	96	61	2	0	0	6
BEAUMONT	84	69	90	66	77	2	T	-1	T	10.3	105	27.9	153	97	64	1	0	0	0	0	0	2
BROWNSVILLE	86	71	88	66	79	0	T	1.9	T	1.4	1.9	6.6	214	12.1	207	97	67	0	0	0	0	1
CORPUS CHRISTI	85	69	89	65	77	1	T	1.5	T	1.0	9.6	6.6	222	19.2	259	96	67	0	0	0	0	2
DEL RIO	87	67	93	64	77	0	T	1.0	T	5.0	5.7	158	11.4	228	76	41	3	0	0	0	0	1
EL PASO	87	59	93	56	73	2	T	1.1	T	1.9	332	3.2	229	71	21	3	0	0	0	0	0	1
FORT WORTH	86	67	94	65	76	4	T	3.1	T	2.0	2.3	8.8	99	14.5	116	91	51	3	0	0	0	2
GALVESTON	81	73	84	71	77	2	T	-8	T	7.8	120	24.6	207	92	70	0	0	0	0	0	0	2
HOUSTON	85	70	92	63	77	2	T	3.1	T	2.0	2.8	13.4	151	27.1	172	93	58	3	0	0	0	3
LUBBOCK	88	57	94	51	72	4	T	-4	T	3.0	93	6.3	153	86	28	2	0	0	0	0	0	1
MIDLAND	88	58	95	53	73	1	T	-1	T	3.2	105	6.3	188	87	27	2	0	0	0	0	0	3
SAN ANGELO	88	62	98	59	75	2	T	-3	T	2.4	62	8.1	151	90	36	3	0	0	0	0	0	0
SAN ANTONIO	86	69	94	67	78	2	T	1.5	T	6.8	10.8	22.8	244	93	56	1	0	0	0	0	0	5
VICTORIA	86	70	92	64	78	2	T	4.4	T	1.9	17.0	275	31.1	301	95	62	3	0	0	0	0	3
WACO	88	65	97	63	77	3	T	1.6	T	5.4	6.7	80	17.5	144	94	56	3	0	0	0	0	3
WICHITA FALLS	89	61	96	56	75	4	T	1.7	T	4.4	3.0	4.2	5.9	65	93	36	4	0	0	0	0	3
UT CEDAR CITY	77	43	80	31	60	4	T	0	T	2.4	93	3.9	97	55	18	0	0	0	0	0	0	1
SALT LAKE CITY	79	52	83	41	65	7	T	-3	T	3.0	62	5.0	67	77	24	0	0	0	0	0	0	0
VT BURLINGTON	73	48	83	38	61	6	T	-3	T	5.6	87	8.8	88	92	37	0	0	0	0	0	0	0
VA NORFOLK	72	56	80	53	64	2	T	-9	T	5.8	68	12.3	79	93	62	0	0	0	0	0	0	0
RICHMOND	75	53	80	45	64	1	T	-4	T	9.7	117	14.1	96	99	58	0	0	0	0	0	0	1
ROANOKE	76	54	80	44	65	0	T	1.8	T	1.0	11.7	137	18.0	123	96	56	0	0	0	0	0	0
WA QUILLAYUTE	62	39	75	34	51	0	T	-3	T	16.6	76	47.7	98	98	47	0	0	0	0	0	0	0
SEATTLE-TACOMA	68	45	80	40	57	2	T	-4	T	5.9	87	16.8	98	86	32	0	0	0	0	0	0	0
SPOKANE	67	39	76	31	53	1	T	-3	T	1.1	35	5.0	70	67	19	0	0	0	0	0	0	0
YAKIMA	72	38	83	30	55	2	T	-1	T	1.1	84	2.0	58	70	21	0	0	0	0	0	0	0
WV BECKLEY	77	53	82	41	65	5	T	-5	T	10.2	110	14.5	91	91	40	0	0	0	0	0	0	0
CHARLESTON	80	53	86	46	67	3	T	1.3	T	10.7	113	15.3	95	98	42	0	0	0	0	0	0	0
HUNTINGTON	82	52	88	40	67	3	T	0	T	10.3	108	14.3	91	98	45	0	0	0	0	0	0	1
PARKERSBURG	80	52	86	46	66	3	T	1.1	T	8.4	97	11.1	78	94	40	0	0	0	0	0	0	0
WI GREEN BAY	73	48	85	38	61	6	T	1.0	T	3.9	6.5	105	7.8	92	82	42	0	0	0	0	0	0
LACROSSE	76	56	86	48	66	7	T	-8	T	8.1	119	9.7	113	80	37	0	0	0	0	0	0	0
MADISON	76	51	87	44	64	7	T	-5	T	5.4	77	7.5	82	87	41	0	0	0	0	0	0	0
MILWAUKEE	71	51	84	43	61	7	T	-5	T	5.1	70	7.7	75	77	45	0	0	0	0	0	0	0
WAUSAU	71	49	82	36	60	5	T	3.2	T	2.3	3.1	8.1	121	9.4	109	92	43	0	0	0	0	0
WY CASPER	71	40	80	38	56	4	T	-4	T	1.7	48	2.3	48	81	25	0	0	0	0	0	0	0
CHEYENNE	70	42	78	38	56	4	T	-5	T	2.7	77	3.1	73	80	25	0	0	0	0	0	0	0
LANDER	70	43	77	35	56	5	T	-6	T	2.9	60	3.5	59	71	25	0	0	0	0	0	0	0
SHERIDAN	66	38	77	33	52	0	T	-2	T	3.2	73	3.4	57	89	38	0	0	0	0	0	0	0

Based on 1951-80 normals.

National Agricultural Summary

May 11 - 17, 1992

HIGHLIGHTS: Spring seeding of principal crops continued to progress rapidly, as weather conditions were favorable in most parts of the country. Soil moisture supplies remained short in most Central States from the Rocky Mountains to the middle Mississippi Valley, despite some localized relief. Some growers in the eastern Gulf States delayed seeding due to excessively dry soils.

SMALL GRAINS: Winter wheat condition ratings continued to drop for the 19 major producing States, as mostly dry weather from the West Coast to the High Plains lowered crop prospects. Some improvement was indicated in the ratings from the Midwest, but a significant portion of the crop remained in very poor to poor condition due largely to winter freeze damage. Winter wheat was heading on 66 percent (%) of the acreage in the 19 major States, 4 percentage points ahead of last year's crop, and 8 points ahead of the 5-year average. Heading was nearly universal in the Southern States, and advancing rapidly in the central Great Plains and middle Mississippi Valley, and beginning in the Northern States. Spring wheat planting reached 90% complete in the five major States, matching last year's progress and trailing the historic average by 2 points due to earlier delays in Minnesota. Sixty-eight percent of the spring wheat crop had emerged, compared with 66% last year and 68% average. Spring wheat emergence was ahead of schedule in Idaho, Montana, and the Dakota's, and behind only in Minnesota. Spring wheat condition rated mostly good in all of the major States. Spring barley planting was nearly complete in the Rocky Mountains, and well along in Minnesota and North Dakota. Planting of oats was nearing completion in the Western and Central States, and advancing in Maine.

CORN: Corn planting continued to progress rapidly, after surging the previous week. Planting was 91% complete in the 17 major producing States, 19 points ahead of last year and 10 points ahead of the average. Planting progress was ahead of normal in 14 of the major States, equal to the average in Wisconsin, and behind normal only in Michigan and Pennsylvania.

SOYBEANS: Soybean planting jumped to 45% complete in the 19 major producing States, 21 points ahead of last year and 13 points ahead of the historic average. Rapid gains were made in the Corn Belt, and planting continued to gain momentum in the southern producing States.

COTTON: Cotton planting also continued to outpace the normal rate, reaching 71% complete in the 14 major producing States, 27 points ahead of last year and 13 points ahead of the average. Planting was very nearly complete in the West and southern Delta, and well along in the Mississippi Valley. Some replanting of cotton due to poor stands was reported in South Carolina.

GRAIN SORGHUM: Planting of grain sorghum advanced to 45% complete in the 12 major States, compared with 32% last year and the average of 36%. Planting was nearing completion in the Delta and in full swing in the other regions.

RICE: Rice planting was 90% complete in the five major producing States, 32 points ahead of last year, and 13 points ahead of the historic average. Planting was slowed by rains in Arkansas

and Louisiana, with completion nearing in the Delta and Gulf. One-half of the California crop was planted. Seventy percent of the crop had emerged, compared with 39% last year and 54% average. Crop condition rated mostly fair in Arkansas and Mississippi, and mostly good in Louisiana and Texas. Reseeding continued due to dry conditions in Arkansas, and army worms moved into some rice fields from wheat fields.

OTHER FIELD CROPS: First cut haying continued in the Northwest, Central States, and Southeast. Spring potatoes were being dug in California and the Southeast, while fall potato seeding continued from Idaho to Maine. Dry bean planting gained momentum in the Rocky Mountains and North Central States. Sugar beet planting neared completion in the northernmost States from Montana to Michigan. Sunflower planting advanced in Minnesota, the Dakota's, and Texas. Planting of flaxseed was well along in South Dakota and progressing in North Dakota and Minnesota. Peanut planting was active in Texas and the Southeast.

FRUIT AND NUTS: Citrus picking remained active in Arizona. California's desert table grape harvest began, and cherry and stonefruit picking was active. Navel orange harvest slowed in California, while the Valencia orange and south coast lemon harvests continued. Florida citrus trees and new crop fruit needed rain, and some Valencia oranges were softening due to the dry weather. Florida's Valencia harvest was slowing and grapefruit harvest was virtually complete. Peach harvest began in Georgia, with the crop in mostly fair condition. Banana production remained steady in Hawaii. New York's Hudson Valley apples were in full bloom with excellent pollination conditions.

VEGETABLES: Harvests of onions, green beans, and lettuce continued in Arizona. Light harvest of artichokes continued along California's central coast, and asparagus remained active in the Sacramento Valley, Sacramento Delta, and Salinas Valley. Broccoli, cauliflower, and celery were moving from the Salinas-Watsonville and Santa Maria areas. Sweet corn harvest was active in California's desert area and cucumber packing increased in the Kern-Tulare area. Iceberg and Romaine lettuce volume was moderate in Salinas-Watsonville. Tomatoes, watermelons, sweet corn, and cucumbers were being harvested in volume in Florida. Georgia's onion harvest was well along. Fresh market and canning vegetable planting continued in Minnesota, while harvest of cool-season vegetables continued in New Jersey. Lettuce harvest was active in New Mexico, and asparagus harvest was active in New York. Rio Grande Valley melon harvest was increasing, while onion harvest was winding down. Rhubarb was being harvested in western Washington, and asparagus was being cut in the eastern part of the State.

PASTURES AND LIVESTOCK: Winds and high temperatures were drying western ranges, while movement of cattle to summer pastures continued. Branding, vaccination, and treatment of calves were common.

Crop Progress

for the Week Ending May 17, 1992

COTTON
(Percent Planted)

	Current	Last Wk	1991	Avg.
AL	92	86	57	85
AZ	93	85	91	96
AR	88	68	42	70
CA	99	95	99	99
GA	71	53	45	73
LA	99	94	47	74
MS	92	82	33	72
MO	93	53	41	71
NM	88	82	92	91
NC	63	40	86	65
OK	39	24	15	26
SC	72	54	70	73
TN	88	68	16	70
TX	52	38	34	39
14 States	71	57	44	58

These 14 States produced 99% of the 1991 cotton crop.

CORN
(Percent Planted)

	Current	Last Wk	1991	Avg.
CO	90	72	65	73
GA	100	99	97	99
IL	98	81	88	88
IN	89	62	79	76
IA	97	86	59	86
KS	99	90	90	85
KY	85	72	75	73
MI	60	15	50	70
MN	94	78	51	79
MO	90	78	66	78
NE	98	81	84	87
NC	94	90	97	88
OH	83	45	93	80
PA	44	23	56	46
SD	93	62	63	69
TX	98	95	97	97
WI	67	36	56	67
17 States	91	71	72	81

These 17 States produced 94% of the 1991 corn crop.

GRAIN SORGHUM
(Percent Planted)

	Current	Last Wk	1991	Avg.
AR	91	84	48	68
CO	15	13	8	6
IL	36	12	22	32
KS	25	10	10	15
LA	85	70	57	69
MS	84	74	40	64
MO	54	36	16	35
NE	36	8	22	23
NM	20	10	32	NA
OK	24	12	13	14
SD	19	4	4	9
TX	73	70	68	67
12 States	45	33	32	NA
Excl. States with NA	46	33	32	36

These 12 States produced 98% of the 1991 grain sorghum crop.

NA - not available.

RICE
(Percent Planted)

	Current	Last Wk	1991	Avg.
AR	97	95	49	73
CA	50	30	50	53
LA	93	90	77	87
MS	98	89	27	77
TX	93	87	91	96
5 States	90	85	58	77

These 5 States produced 97% of the 1991 rice crop.

RICE
(Percent Emerged)

	Current	Last Wk	1991	Avg.
AR	77	66	28	46
CA	10	2	10	13
LA	87	78	70	77
MS	80	61	15	57
TX	68	60	76	86
5 States	70	60	39	54

These 5 States produced 97% of the 1991 rice crop.

SOYBEANS
(Percent Planted)

	Current	Last Wk	1991	Avg.
AL	25	14	9	21
AR	18	12	6	12
GA	14	2	12	27
IL	66	31	46	49
IN	51	20	48	40
IA	63	24	13	35
KS	25	10	20	20
KY	21	10	9	16
LA	30	12	1	13
MI	20	5	20	20
MN	62	26	15	39
MS	26	17	4	16
MO	31	15	8	23
NE	42	10	24	29
NC	17	8	21	16
OH	42	14	62	48
SC	13	6	8	11
SD	37	8	10	23
TN	16	8	1	13
19 States	45	19	24	32

These 19 States produced 95% of the 1991 soybean crop.

SPRING WHEAT
(Percent Planted)

	Current	Last Wk	1991	Avg.
ID	99	98	91	95
MN	83	66	99	97
MT	95	89	87	91
ND	88	72	86	89
SD	100	100	100	99
5 States	90	79	90	92

These 5 States produced 87% of the 1991 spring wheat crop.

SPRING WHEAT
(Percent Emerged)

	Current	Last Wk	1991	Avg.
ID	91	89	66	80
MN	52	34	86	82
MT	71	54	49	62
ND	62	37	59	59
SD	98	93	91	92
5 States	68	49	66	68

These 5 States produced 87% of the 1991 spring wheat crop.

Crop Condition (Percent)

for the Week Ending May 17, 1992

WINTER WHEAT (Percent Headed)

	Current	Last Wk	1991	Avg.
AR	98	96	96	98
CA	98	97	97	98
CO	54	8	2	2
GA	100	100	100	100
ID	4	0	0	2
IL	48	19	49	59
IN	22	7	52	31
KS	90	65	85	75
MI	0	0	0	0
MO	62	34	83	74
MT	1	0	0	0
NE	25	1	15	18
NC	90	88	97	90
OH	1	0	25	16
OK	100	98	98	96
OR	34	5	2	11
SD	1	0	0	2
TX	86	81	90	81
WA	16	6	9	7
19 States	66	51	62	58

WINTER WHEAT

State	VP	P	F	G	Ex
AR	0	0	13	54	33
CA	0	0	5	65	30
CO	8	20	42	29	1
GA	3	0	33	64	0
ID	0	4	31	47	18
IL	10	12	35	43	0
IN	6	28	48	17	1
KS	8	7	48	19	5
MI	3	7	25	50	15
MO	4	20	57	18	1
MT	11	22	33	30	4
NE	10	36	39	15	0
NC	0	0	7	87	6
OH	5	14	35	38	8
OK	0	6	60	34	0
OR	2	4	36	51	7
SD	2	27	46	24	1
TX	0	5	25	58	12
WA	0	0	72	28	0
19 State	4	14	43	34	5
Prev Week	5	11	41	37	6
Prev Year	2	15	40	37	6

RICE

State	VP	P	F	G	Ex
AR	0	10	73	17	0
CA	NA	NA	NA	NA	NA
LA	0	4	30	66	0
MS	19	19	38	24	0
TX	0	0	0	83	17
4 State	2	8	48	39	3
Prev Week	0	10	59	31	0
Prev Year	N/A	N/A	N/A	N/A	N/A

SPRING WHEAT

State	VP	P	F	G	Ex
ID	0	4	32	51	13
MN	2	1	25	65	7
MT	8	13	31	46	2
ND	0	0	14	82	4
SD	0	6	39	52	3
5 State	2	3	23	68	4
Prev Week	N/A	N/A	N/A	N/A	N/A
Prev Year	0	1	13	73	13

These 19 States produced 92% of the 1991 winter wheat crop.

VP - Very Poor P - Poor F - Fair
G - Good EX - Excellent

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall mostly under 0.50 in.; over 1.00 in. locally north; under 0.25 in. to none southwest. Temperatures 1 to 3° above normal.

Days suitable for fieldwork 5.9. Soil moisture 72% short, 28% adequate. Corn, cotton under drought stress in southern areas. Weather unfavorable for peanut germination. Southern counties delaying further plantings until soil moisture levels improve. Acreage intended for spring planting 95% prepared, 82% 1991, 93% avg. Fieldwork progress 77% on schedule; 17% behind normal, 6 days avg.; 6% ahead of normal, 6 days avg. Corn 1% silked, 4% 1991, 2% avg.; 8% very poor, 23% poor, 41% fair, 24% good, 4% excellent. Sorghum 40% planted, 34% 1991, 43% avg.; 2% very poor, 4% poor; 70% fair, 24% good. Cotton 92% planted, 57% 1991, 85% avg.; 5% poor, 68% fair, 27% good. Peanuts 74% planted, 63% 1991, 73% avg.; 20% poor, 64% fair, 16% good. Soybeans 25% planted, 9% 1991, 21% avg. Winter wheat 58% turning color, 70% 1991, 62% avg.; 36% fair, 64% good. First hay 39% harvested, 12% 1991, 32% avg. Pastures 4% very poor, 17% poor, 35% fair, 42% good, 2% excellent. Livestock 41% fair, 59% good. Activities: Harvesting hay; planting, cultivating row crops; harvesting spring potatoes; irrigating fields where possible; mowing, fertilizing pastures; scouting wheat fields; repairing machinery; marketing cattle; general care of livestock, poultry, catfish.

ALASKA: Significant snow fell in the upper Railbelt while central, southern portions received less than 0.50 in. of rain. High temperatures 2 to 16° below normal. Lows normal on Kenai Peninsula, 1 to 6° below normal elsewhere. Seasonal precipitation 0.37 in. drier than normal at Kenai to 0.97 wetter than normal at Fairbanks.

Days suitable for fieldwork 3.0. Topsoil 8% short, 74% adequate, 18% surplus. Subsoil moisture 80% adequate, 20% surplus. Farmwork progress on schedule to 2 weeks behind due to snow, standing water. Commercial potato planting underway. Most seeding on hold due to continued cold temperatures. Livestock good or better.

ARIZONA: Light showers, 10th, 12th, 13th, northeast, east. Sunny, warm most areas. Rainfall trace south central to 0.11 in. northeast. Temperatures 2° to 9° above normal. Extremes 33°; 91° higher elevations, 50°; 103° deserts.

Cotton planted 93%, 91% 1991, 96% avg. Light hail damage, east. Cotton good, weeds, insects light. Alfalfa condition good to excellent; weeds, insects light to moderate statewide; harvest, mostly active. Moderate rain damage east. Small grains heading, 100%, 100% 1991, 99% avg; turning color, 86%, 86% 1991, 82% avg. Condition excellent. Oranges, grapefruit harvested, west, central. Green beans harvested, west. Lettuce, red, chipper potatoes, dry onions, tangerines, peaches, mixed vegetables harvested, central. Lettuce harvest continued, east.

ARKANSAS: Temperatures above normal. Scattered showers, thunderstorms, were heaviest in northwest. Extremes 49°; 92°. Rainfall 0.02 to 3.76.

Days suitable for fieldwork 6. Soil moisture supplies 65% short, 35% adequate. Main farming activities: Planting, land preparation, flushing rice, pasture weed control, cutting hay, working cattle. Rice reseeding continued due to dry conditions. Army worms moved into some rice fields from wheat fields. Wheat fair to good. Wheat maturing rapidly. Cotton emerged 60%, 22% 1991, 45% avg. Soybeans emerged 9%, 0% 1991, 5%

avg. Grain sorghum emerged 72%, 36% 1991, 50% avg.; 11% poor, 55% fair, 30% good, 4% excellent. Some reports of chinch bugs in east central. Corn planted 99%, 93% 1991, 94% avg.; 49% fair, 44% good, 7% excellent. Livestock good. Producers continue to spray for ticks, flies. Cattle making good gains in southwest. Pastures mostly good. Pasture growth thin in northwest, north central due to dry conditions. Hay thin in north central.

CALIFORNIA: Above normal temperatures replaced by cooler temperatures later part of week.

Field activities good progress, open weather. Small grains maturing. Wheat harvest began Blythe. Grain haying, green chopping active, declining. Rice planting full swing. Fertilizing, pest controls ongoing. Cotton planting almost completed. Irrigating, pest control underway. Alfalfa seed inspected export certification, treated lygus, mites. Seeded corn, dry beans, sugarbeets. Green chop, hay harvest alfalfa, sudan seasonally active. Cherry picking active; good quality. Desert table grape harvest began; elsewhere table grape growers pulling leaves, tipping bunches, applying gibberellic acid. Stonefruit picking active. Thinning clingstone peaches continued. Olives in petal fall stage. Navel orange harvest slowed. Valencia orange, south coast lemon picking continued. Artichoke harvest light central coast. Asparagus cutting started to wind down Sacramento Valley, remained steady Delta, Salinas Valley areas, good quality. Broccoli movement moderate Salinas-Watsonville, Santa Maria, good quality. Cauliflower supplies light Salinas-Watsonville, Santa Maria variable quality due to insect problems. Celery packing started light supplies Santa Maria, continued moderate south district variable quality. Sweet corn harvest active desert area good quality. Cucumber packing increased Kern-Tulare area. Iceberg lettuce volume moderate Salinas Watsonville, fairly light Santa Maria variable quality due to insect problems. Leaf, Romaine lettuce harvests moderate variable quality Salinas-Watsonville. Spring onion digging light desert area. 1992 fall potato crop seeding advanced Tulelake-Butte valley, spring potato harvest continued active Kern-Tulare district. Strawberry harvest continued variable quality Sacramento Valley, eastside, central coast, south districts. Tomatoes for processing, fresh market being irrigated. Planting continued for beans, melons, peppers, sweetpotatoes, tomatoes. Range, pasture conditions fair to good. Grasses starting to dry, turn brown some areas. Winds, high temperatures increased drying. Cattle movement to summer pasture active. Water supplies moderate to light. Rapid snow melt. Sheep grazing stubble. Water supplies, moderate to light.

COLORADO: Most of week was warm and dry. A weak cold front brought traces of rain on 12th. Isolated showers on the 15th brought strong winds, lightning to southeast. Temperatures 2 to 5° above average except in the San Luis Valley, west of the Divide which were around 2° above average.

Days suitable for fieldwork 6.2. Soil moisture 22% very short, 52% short, 26% adequate. Barley seeded 95%, 88% 1991, 95% avg.; emerged 79%, 65% 1991, 77% avg. Oats seeded 90%, 87% 1991, 92% avg.; emerged 75%. Spring wheat seeded 91%, 77% 1991, 86% avg.; emerged 53%. Dry beans planted 11%, 0% 1991, 1% avg. Sorghum planted 15%, 8% 1991, 6% avg. Corn planted 90%, 65% 1991, 73% avg.; emerged 60%. Winter wheat headed 54%, 2% 1991, 2% avg.; 8% very poor, 20% poor, 42% fair, 29% good, 1% excellent. Corn 1% very poor, 4% poor, 24% fair, 61% good, 10% excellent. Livestock mostly good. Pasture, range feed fair.

FLORIDA: Temperatures within 1 or 2° of normal most locations; slightly below normal Peninsula. Highs: upper 80s to low 90s north, central, mid 80s along southeast coast. Lows: mid 50s to low 60s, except mid, upper 60s lower southeast coast. Rainfall totals; 0.50 in. or less most locations, isolated locations received over 1.00 in.

Soil moisture short in Panhandle, short to adequate in Peninsula. Cotton, peanut, soybean planting delayed by dry soil. Dryland corn

firing, twisting. Winter wheat harvest starting. Sugarcane making good progress. Citrus trees and new crop fruit need rain. Very few showers, irrigation continues. Shedding unwanted little green fruit almost over. Some Valencia softening due to dry weather. Valencia harvest slowing as supplies run low. Grapefruit harvest all but complete. Caretakers cutting crops, planting new trees. Hot days, cool nights over major vegetable producing areas. Some locations received 1.00 in. rain, most locations receiving only scattered showers. Volume leaders: Tomatoes, potatoes, watermelons, sweet corn, cucumbers. Also available: peppers, celery, squash, snap beans, cabbage, carrots, radishes, eggplant. Homestead potato digging complete. State's pastures very poor to good. Pasture 5% very poor, 35% poor, 35% fair, 25% good. Moisture levels mostly short. State's cattle herds fair to good.

GEORGIA: Temperatures 1 to 4° above normal, except slightly below normal southeast. Highs low 80s northeast to around 90 south. Coolest lows around 50° northeast, 60° near coast. Rain 1 to 2 days many locations. Rainfall generally under 0.25 in.; isolated spots southeast over 1.00 in.

Days suitable for fieldwork 5.6. Soil moisture 20% very short, 52% short, 27% adequate, 1% surplus. Corn 12% poor, 46% fair, 42% good; 1% silked, 10% 1991, 3% avg. Cotton 2% poor, 67% fair, 31% good. Sorghum 44% fair, 56% good; 35% planted, 41% 1991, 52% avg. Peanuts 1% poor, 62% fair, 37% good; 74% planted, 56% 1991, 83% avg.; planting stopped in some areas because of dry soils. Soybeans 73% fair, 27% good. Tobacco 6% poor, 70% fair, 24% good. Wheat 14% harvested for grain, 4% 1991, 5% avg.; diseases showing up. Onions 18% fair, 82% good; 89% harvested, 92% 1991. Watermelons 27% poor, 52% fair, 21% good; 97% planted, 98% 1991, 98% avg. Other vegetables 8% poor, 50% fair, 42% good. Apples 21% fair, 79% good. Peaches 2% poor, 76% fair, 32% good; 5% harvested, 13% 1991, 9% avg. Hay 9% poor, 44% fair, 46% good, 1% excellent; Harvest active. Pasture 11% poor, 34% fair, 53% good, 2% excellent; declining rapidly. Cattle, hogs good.

HAWAII: Warm, humid conditions highlighted weather. Low pressure systems near the island chain brought hazy conditions. Light winds with temperatures in mid 80s made weather seem warmer than usual. Variable amounts of rain fell mostly over the weekend benefiting crops some areas. Drought conditions continued to grip other areas, water restrictions still in effect. Temperatures mid 60s to mid 80s. Rainfall 0.02 to 3.20 in.

Days suitable for fieldwork 7.0. Banana production continued steadily, near normal levels. Mosaic ring spot virus discovered Puna papaya orchards, efforts made to contain the disease. Watermelon crop made good progress. Rainfall benefited sugarcane some localities.

IDAHO: Temperatures 2° below normal to 8° above normal. Scattered precipitation fell mainly in the east. Rexberg received most with 0.50 in.

Days suitable for fieldwork 7. Soil moisture 27% very short, 32% short, 41% adequate. Spring wheat 88% not yet jointed, 10% jointed, 2% boot. Spring barley planted 98%, 88% 1991, 94% avg.; emerged 89%, 63% 1991, 80% avg.; 85% not yet jointed, 12% jointed, 3% boot. Oats planted 94%, 73% 1991, 87% avg.; emerged 81%, 46% 1991, 70% avg. Sugarbeets emerged 97%, 88% 1991, 93% avg.; thinned 22%, 8% 1991, 19% avg. Potatoes planted 83%, 55% 1991, 73% avg.; emerged 10%, 6% 1991, 11% avg. Lentils planted 99%, 84% 1991, 93% avg.; emerged 89%, 39% 1991, 61% average. Dry peas planted 100%, 86% 1991, 96% avg.; emerged 95%, 47% 1991, 65% avg. Field corn planted 67%, 63% 1991, 73% avg. Dry beans planted 11%, 4% 1991, 7% avg. Irrigation water supplies 22% very poor, 33% poor, 25% fair, 20% good. Activities: Cultivating, cutting alfalfa, irrigation, planting. Pasture, range 77% of normal. Hay, roughage supplies.

ILLINOIS: State experienced mild weather with light to moderate precipitation. Temperatures mid 50s to upper 70s across State. Precipitation across State, on the average, 0.25 to 0.75 in.

Winter wheat 43% good, 35% fair, 12% poor, 10% very poor. Alfalfa 3% excellent, 58% good, 32% fair, 6% poor, 1% very poor. Oats 3% excellent, 71% good, 24% fair, 2% poor. Soil moisture 54% short, 46% adequate.

INDIANA: Temperatures 2 to 7° above normal. Highs mid 70s to lower 80s. Lows, lower 50s to lower 60s. Precipitation 0.50 to 2.00 in.

Days suitable for fieldwork 5.4. Topsoil 32% short, 65% adequate, 3% surplus. Subsoil 28% short, 71% adequate, 1% surplus. Corn emerged 38%, 49% 1991, 49% avg.; 6% excellent, 51% good, 40% fair, 3% poor. Soybeans emerged 10%, 23% 1991, 20% avg. Wheat 17 in. high, 19 in. avg.; 83% jointed, 93% 1991, 91% avg. Oats 6 in. high, 7 in. 1991, 7 in. avg. Pasture 84%, 82% last week, 96% 1991. Planting continued at a rapid rate.

IOWA: Temperatures 3 to 6° above normal. Extremes 35°; 90°. Precipitation 0.06 to 3.21 in.; average 0.94 in., normal 0.89 in. Locally heavy rains northwest; light southeast half.

Days suitable for fieldwork 6.5. Topsoil 79% short, 21% adequate. Subsoil 1% short, 99% adequate. Winter wheat 6% very poor, 24% poor, 41% fair, 27% good, 2% excellent. Hay 4% very poor, 13% poor, 32% fair, 43% good, 8% excellent. Oats 1% very poor, 4% poor, 28% fair, 57% good, 10% excellent. Corn 1% poor, 17% fair, 67% good, 15% excellent. Pasture 10% poor, 33% fair, 49% good, 8% excellent. Oats 99% emerged, 92% 1991, 98% avg. Corn 97% planted, 59% 1991, 86% avg.; 53% emerged, 21% 1991, 45% avg. Soybeans 63% planted, 13% 1991, 35% avg.; 10% emerged, 1% 1991, 5% avg. Seedbed preparation 97% completed, 89% 1991, 98% avg. Fertilizer application 100% completed, 87% 1991, 98% avg. Livestock good.

KANSAS: Temperatures above normal; average 3° above normal northeast to 10° above normal northwest. Precipitation 0.34 in. northwest, 1.87 in. central. Significant rainfall received central one-third, southeastern areas of State.

Days suitable for fieldwork 4.5. Surface moisture 59% short, 32% adequate, 9% surplus. Subsurface moisture 62% short, 38% adequate. Received scattered rains. Wheat condition mostly fair to poor. Corn emergence may increase where moisture received. Sorghum, soybean planting ahead of average. Pasture forage adequate many areas, short in parts of west, central areas. Stockwater short southwest, central third of State. Approximately 30% alfalfa cut first time.

KENTUCKY: Temperatures 4 to 6° above normal. Highs lower 80s, lows mid 50s. Rainfall 0.25 to 0.50 in., a few spots reported 0.80 to 0.90 in.

Days suitable for fieldwork 4.2. Soil moisture 4% very short, 30% short, 65% adequate, 1% surplus. Continual concern over dry conditions. Burley tobacco 15% set compared to 17% 1991, 11% avg. Corn emerged, improved despite cool nights, 1% poor, 36% fair, 62% good, 1% excellent. Wheat 1% poor, 25% fair, 64% good, 10% excellent. Hay crop worsens, fair overall, 1% very poor, 25% poor, 45% fair, 25% good, 4% excellent.

LOUISIANA: Temperatures 0.7° below to 2.4° above normal. Extremes 48°; 93°. Rainfall 0.06 in. southwest to 1.04 in. northwest.

Days suitable for fieldwork 6.3. Soil moisture 15% very short, 34% short, 51% adequate. Corn 2% very poor, 6% poor, 24% fair, 65% good, 3% excellent; 4% silked, 1% 1991, 1% avg. Cotton 96% emerged, 22% 1991, 59% avg. Hay 32% first cutting, 9% 1991, 26% avg. Water weevils a concern in rice, southwest. Spring plowing 98% complete, 78% 1991, 92% avg. Peaches 2% poor, 20% fair, 78% good; 6% harvested, 2% 1991, 1% avg. Sorghum 39% fair, 61% good; 74% emerged, 53% 1991, 58% avg. Soybeans 17% emerged, 1% 1991, 7% avg. Sugarcane 1% fair, 99% good. Sweet potatoes 16% planted, 12% 1991, 17% avg. Wheat 8% poor, 40% fair, 52% good; 83% turning color, 86% 1991, 83% avg.; 8% harvested, 11% 1991, 10% avg. Livestock 11% fair, 83% good, 6% excellent. Pastures 1% poor, 10% fair, 89% good. Vegetables, 7% poor, 22% fair, 71% good. Craw fishermen draining ponds.

MARYLAND & DELAWARE: **MARYLAND:** Rainfall 0.58 in. Temperature 61.3°, normal 62.9°. Extremes 40°; 83°.

Days suitable for fieldwork 4.5. Topsoil 5% short, 86% adequate, 9% surplus. Subsoil 27% short, 73% adequate. Corn 75% planted, 77% 1991, 65% avg. Sweet corn 50% planted, 55% 1991, 53% avg. Green peas 95% planted, 93% 1991, 99% avg. Spring oats 95% planted, 98% 1991, 96% avg. Field preparation 87%, 89% 1991, 82% avg. Small grains mostly good; barley, rye nearly all headed; wheat 69%, 84% 1991, 59% avg. Oats beginning to head. Pastures excellent. Hay short supply. Cutting, feeding rye, hay as green chop to dairy cows. A few strawberries have been picked. Mostly light disease, insect pressure. Melon planting near normal, vegetable planting behind. Tobacco transplants starting slow with alternating cool, warm temperatures. Hay making just starting but catching up to normal. Starting to plant sorghum, soybeans. Few strawberries, green peas picked.

DELAWARE: Precipitation 0.27 in. Temperature 60.5°, normal 63.4°. Extremes 43°; 79°.

Days suitable for fieldwork 6.1. Topsoil 100% adequate. Subsoil 100% adequate. Corn 88% planted, 80% 1991, 76% avg. Sweet corn 79% planted, 51% 1991, 61% avg. Small grains good condition, barley virtually all headed; rye 90% headed, 100% 1991, 97% avg. Wheat 41% headed, 91% 1991, 73% avg. Oats beginning to head, 74% 1991. Pastures good to excellent condition. Apples, strawberries virtually all bloomed; few strawberries picked. Activities for week: Active corn planting; very active planting melons, vegetables. Small amount of hay made. Soybean, sorghum planting beginning. Very light disease, insect pressure on small grains. Beginning to harvest green peas.

MICHIGAN: Temperatures 4 to 8° above normal. Extremes 24°; 88°. Precipitation none to 2.04 in.

Days suitable for fieldwork 6.5. Soil moisture 35% short, 65% adequate. Corn 60% planted, 50% 1991, 70% avg. Oats 85% planted, 85% 1991, 95% avg. Potatoes 50% planted, 55% 1991, 60% avg. Soybeans 20% planted, 20% 1991, 20% avg. Sugarbeets 98% planted, 100% 1991, 96% avg. Winter wheat 0% headed, 0% 1991, 0% avg.; 3% very poor, 7% poor, 25% fair, 50% good, 15% excellent. Pasture condition 80% of normal. Activities: Spreading fertilizer, weed spraying, planting at rapid pace.

MINNESOTA: Temperatures 2 to 6° above normal. Extremes 26°; 86°. Precipitation 0.30 to 0.90 in. above normal in the north, 0.28 in. above normal to 0.25 in. below normal elsewhere.

Days suitable for fieldwork 5.6. Topsoil 7% very short, 37% short, 51% adequate, 5% surplus. Spring wheat 83% planted, 99% 1991, 97% avg.; 52% emerged, 86% 1991, 82% avg.; 2% jointing, 1% 1991, 2% avg. Oats 94% seeded, 93% 1991, 96% avg.; 69% emerged, 75% 1991, 82% avg.; 2% jointing, 1% 1991, 3% avg. Barley 75% seeded, 98% 1991, 95% avg.; 40% emerged, 74% 1991, 74% avg.; 1% jointing, 1% 1991, 1% avg. Corn 98% ground prepared, 65% 1991, 88% avg.; 94% planted 51% 1991 79% avg.; 40% emerged, 10% 1991, 30% avg. Soybean 83% ground prepared, 34% 1991, 64% avg.; 62% planted, 15% 1991, 39% avg.; 8% emerged, 1% 1991, 4% avg. Sunflower 30% planted, 37% 1991, 46% avg. Sugarbeets 94% planted, 94% 1991, 96% avg. Potatoes 54% planted, 56% 1991, 63% avg. Flaxseed 22% planted, 59% 1991, 50% avg. Dry beans 39% planted, 19% 1991, 37% avg. Sweet corn 57% planted, 17% 1991, 47% avg. Green peas 85% planted, 51% 1991, 75% avg.

MISSISSIPPI: Temperatures 71°, 1.2° above normal. Extremes 40°; 92°. Mostly dry statewide, with some light showers. Rainfall 0.22 in., 0.94 below normal. Soil temperature 76°.

Days suitable for fieldwork 6.4, 2.6 1991, 3.6 avg. Soil moisture 45% very short, 55% short. Corn 98% planted, 64% 1991, 87% avg.; 95% emerged, 62% 1991, 81% avg.; 9% very poor, 7% poor, 36% fair, 47% good, 1% excellent. Cotton 92% planted, 33% 1991, 72% avg.; 70% emerged, 14% 1991, 56% avg.; 32% poor, 60% fair, 8% good. Peanuts 48% planted, 34% 1991, 49% avg. Rice 98% planted, 27% 1991, 77% avg.; 80% emerged, 15% 1991, 57% avg.; 19% very poor, 19% poor, 38% fair, 24% good. Sorghum 84% planted, 40% 1991, 64% avg.; 74% emerged, 39% 1991, 56% avg.; 40% fair, 60% good.

Soybeans 26% planted, 4% 1991, 16% avg.; 16% emerged, 2% 1991, 8% avg. Sweet potatoes 36% planted, 21% 1991, 38% avg. Watermelons 84% planted, 81% 1991, 85% avg. Wheat 26% mature, 58% 1991, 27% avg.; 1% harvested, 3% 1991, 1% avg.; 1% poor, 31% fair, 68% good. Hay 36% harvested, 6% 1991, 18% avg. Peaches 10% harvested, 2% 1991, 2% avg.; 18% very poor, 55% fair, 27% good. Livestock 25% fair, 68% good, 7% excellent. Pasture 85% of normal. Activities: Planting row crops, fertilizing, waiting for rain.

MISSOURI: Temperatures 2 to 3° above normal south to 5° above normal north. Rainfall 1.10 in.; less than 0.50 in. northwestern, north central, northeastern, southeastern districts, to over 1.00 in. other districts.

Days suitable for fieldwork 5.3. Topsoil 62% short, 38% adequate. Corn planting ranges about 85% northeast, west central, central districts, to 100% southeast. Single crop soybean planting ranges 23% southwest to 40% northern 3 districts. Wheat headed varies 25% northern third to virtually complete southern third. Ground worked at least once for spring crops 92%, 87% 1991, 90% avg. Alfalfa first cutting 19%, 17% 1991, 24% avg. Other hay cut 5%, 2% 1991, 7% avg. Pasture 6% very poor, 14% poor, 55% fair, 25% good.

MONTANA: Temperatures above normal. Most locations received precipitation, greatest amounts south central, southeast.

Days suitable for fieldwork 6.0. Topsoil 56% short, 42% adequate, 2% surplus. Subsoil 63% short, 36% adequate, 1% surplus. Barley 95% planted, 79% 1991, 87% avg. Barley 72% emerged, 42% 1991, 58% avg.; 8% very poor, 16% poor, 32% fair, 43% good, 1% excellent. Oats 95% planted, 73% 1991, 83% avg.; 4% very poor, 9% poor, 28% fair, 56% good, 3% excellent. Sugarbeets 99% planted, 96% 1991, 98% avg. Corn 71% planted, 60% 1991, 57% avg. Sugarbeets 9% poor, 33% fair, 49% good, 9% excellent. Potatoes 62% planted, 12% 1991, 28% avg. Pasture, range feed 73%. Cattle, calves moved to summer ranges 52%, sheep, lambs 45% moved.

NEBRASKA: Temperatures 2 to 5° above normal. Precipitation varied from a trace in the northwest to over 2.50 in. central.

Days suitable for fieldwork 6.2. Topsoil 85% short, 15% adequate. Subsoil 34% short, 66% adequate. Wheat 10% very poor, 36% poor, 39% fair, 15% good; 97% jointed, 82% 1991, 88% avg.; 25% headed, 15% 1991, 18% avg. Corn 98% planted, 84% 1991, 87% avg.; 59% emerged, 35% 1991, 43% avg. Sorghum 36% planted, 22% 1991, 23% avg.; 2% emerged, 2% 1991, 4% avg. Soybean 42% planted, 24% 1991, 29% avg.; 5% emerged, 6% 1991, 7% avg. Alfalfa 6% poor, 41% fair, 49% good, 4% excellent; alfalfa weevil control activities east central, southeast. Pasture, range 77% of normal.

NEVADA: A dry, stable air mass gave way to high level moisture late in the week. Scattered shower activity over entire State at times, most rainfall light. High temperatures 6 to 8° above normal. Extremes 21°; 97°.

Planting of spring grains, potatoes nearing completion. Irrigation water supplies remain very short to short in most crop areas. Pasture, range condition poor most areas. Calving, lambing; shearing activities continue. Livestock mostly good, although range stockwater supplies may become scarce later this summer. Movement to market, summer grazing underway.

NEW ENGLAND: Precipitation none to 0.70 in. throughout region. Temperatures mid 50s to mid 60s south, low 50s to low 60s north; 3° below normal south to 7° above normal north. Maximum temperatures low 70s to mid 80s; minimum temperatures mid 20s to high 40s.

Days suitable for fieldwork 6.4. Soil moisture 23% short, 74% adequate, 3% surplus. Available grazing 7% very short, 24% short, 62% adequate, 7% surplus. Fieldwork progress 7 days behind schedule. Maine potatoes 26% planted, 33% 1991, 40% avg.; good. Rhode Island potatoes 46% planted, 61% 1991, 72% avg.; good. Connecticut

River Valley potatoes 60% planted, 58% 1991, 74% avg.; good. Maine oats 33% planted, 55% 1991, 50% avg.; good. Field corn 33% planted, 44% 1991, 30% avg.; 5% emerged, 18% 1991, 12% avg.; good. Sweet corn 34% planted, 44% 1991, 37% avg.; 10% emerged, 19% 1991, 22% avg.; good. Hay condition good in south, fair in north. Apples, pears bud stage to early bloom, peaches early bloom to full bloom. Blueberries, cranberries bud stage. Strawberries bud stage to early bloom. Activities: Plowing, spreading manure, fertilizing, field preparation, planting crops.

NEW JERSEY: Temperatures below normal. Extremes 34°; 82°. Rainfall 0.53 in. north, 0.57 in. central, 0.14 in. south. Heaviest 24 hour total 0.67 in. on 15th, 16th. Estimated soil moisture, in percent field capacity, averaged 92% north, 90% central, 83% south. Four-inch soil temperatures 58° north, lower 60s south.

Field preparation, planting continue. Soil moisture content short to adequate. Harvest continues. Spinach, leeks, parsley volume good; asparagus, arrugula, kale, broccoli rabe, dill, basil, radish, green onions, lettuce except iceberg, in moderate supply. Endive, escarole, Chinese cabbage in light supply. Planting of sweet corn, eggplant, beans, squash, cucumbers, melons, soybeans continued. Peaches past bloom, apples nearly over. Strawberries in bloom. Blueberries, cranberries blooming. Barley, rye headed. Pastures look good.

NEW MEXICO: Warmer, drier weather returned. Temperatures 3 to 5° above normal, with parts of the northeastern plains, central highlands averaging 6 to 8° above normal. Precipitation was limited to evening thunderstorms over the plains, southern desert, and along the central valleys.

Days suitable for fieldwork 6.6. Soil moisture 42% short, 56% adequate, 2% surplus. Crop conditions: Alfalfa, 5% poor, 29% fair, 66% good. Cotton 33% fair, 67% good. Corn 8% fair, 92% good. Irrigated wheat, 7% fair, 93% good. Dryland wheat 14% poor, 29% fair, 57% good. Wheat crop is 99% headed. Onions, lettuce in good shape with lettuce harvest active. Chile 25% fair, 75% good. Cattle, sheep fair to good. Range, pasture 90% of normal.

NEW YORK: Warm week with light rainfall. From St. Lawrence Valley westward less than 0.10 in. rain fell. From 0.50 to 1.00 in. fell from the Susquehanna region to the central Mohawk Valley. Elsewhere, less than 0.33 in. fell. Extremes 28°; 86°.

Days suitable for fieldwork 5.8. Soil moisture mostly adequate. Pasture 83% of normal. Hay fair to good, wheat mostly good. Warm, drier weather permitted fieldwork to progress rapidly after getting off to a slow start. Corn 19% planted, 38% 1991, 30% avg. Oats 57% seeded, 75% 1991, 78% avg. Hay growth good. Some water kill on fields with poor drainage. Sweet corn planting continued. Fresh market green peas emerged, earliest plantings in bloom. Onion planting finished. Strawberries in Orange County were in bloom. Asparagus harvest active as far north as Albany County. Apples in full bloom in Hudson Valley region. Excellent pollination conditions. Peach varieties at petal fall stage. Most pear varieties began petal fall stage. Sweet cherries in full bloom.

NORTH CAROLINA: Temperatures normal. Precipitation below normal.

Days suitable for fieldwork 5.3. Soil moisture 2% very short, 11% short, 79% adequate, 8% surplus. Crop condition: Wheat 7% fair, 87% good, 6% excellent; Oats 8% fair, 89% good, 3% excellent; Barley 4% fair, 92% good, 4% excellent; Rye 4% fair, 91% good, 5% excellent; Pasture 16% fair, 79% good, 5% excellent; Tobacco 1% poor, 32% fair, 65% good, 2% excellent; Tobacco plant beds 13% fair, 85% good, 2% excellent; Corn 4% poor, 29% fair, 61% good, 6% excellent; Hay 33% fair, 62% good, 5% excellent; Irish Potatoes 15% fair, 85% good; Peaches 25% very poor, 10% poor, 45% fair, 20% good; Truck Crops 38% fair, 60% good, 2% excellent. Corn Planted 94%, 97% 1991, 88% avg.; Cotton Planted 63%, 86% 1991, 65% avg.; Peanuts planted 45%, 71% 1991, 50% avg.; Sorghum planted 40%, 34% 1991, 34% avg.; Soybeans planted 17%, 21%

1991, 16% avg.; flue-cured tobacco transplanted 92%, 93% 1991, 75% avg.; burley tobacco transplanted 10%, 17% 1991, 16% avg.; sweet potatoes 28%, 20% 1991, 16% avg. Wheat headed 90%, 97% 1991, 90% avg. Tobacco plant bed supplies 3% short, 81% adequate, 16% surplus. Hay, roughage supplies 87% adequate, 13% surplus. Hay first cutting 41%. Livestock feed from pastures 80%. Major activities: Land preparation; planting corn, cotton, sorghum, soybeans, peanuts, truck crops; transplanting flue-cured tobacco, sweet potatoes. Other activities: Tending tobacco beds; topdressing, spraying small grains; fertilizing pastures; harvesting hay; tending livestock; cultivating corn, tobacco.

NORTH DAKOTA: Two systems produced showers, thundershowers. Temperatures 2° below normal west central to 4° above normal east central, southeast. Extremes 23° northeast; 93° south central. Precipitation 0.36 in. northwest to 0.81 in. southwest, south central.

Days suitable for fieldwork 5.6. Soil moisture better than average. Topsoil 6% very short, 24% short, 70% adequate. Subsoil 10% very short, 32% short, 58% adequate. Most small grain planting ahead of last year. Hard red spring wheat 88% planted, 62% emerged and beyond; 86%, 59% 1991; 89%, 59% avg. Durum wheat 71% planted, 31% emerged and beyond; 69%, 33% 1991; 78%, 40% avg. Oats 87% planted, 63% emerged and beyond; 81%, 48% 1991; 85%, 53% avg. Barley 86% planted, 57% emerged and beyond; 90%, 63% 1991; 90%, 61% avg. Winter wheat 70% emerged thru stool, 30% jointing and beyond; 63%, 37% 1991; 61%, 39% avg. Emerged small grain mostly good. Row crop planting progress mixed. Sugarbeets 93% planted, 96% 1991, 99% avg.; corn 67%, 48% 1991, 49% avg.; flax 35%, 37% 1991, 32% avg.; potatoes 36%, 48% 1991, 53% avg.; soybeans 40%, 31% 1991, 26% avg.; dry beans 16%, 16% 1991, 15% avg.; sunflower 10%, 10% 1991, 13% avg. Post emerged herbicide applications for broadleaf control 6% complete, wild oats 15%. Range, pasture conditions 82% of normal; furnished 68% roughage requirements. Stockwater supplies 1% very short, 32% short, 67% adequate.

OHIO: Unseasonably warm, punctuated by a brief cool period at midweek. Dry with a few scattered rain showers at midweek, more widespread showers, thunderstorms 17th. Temperatures 3 to 8° warmer than normal. Highs mid 70s to lower 80s. Lows into the 40s in the north after midweek, 50s elsewhere. Rainfall was below normal in most places. Amounts varied from 0.10 in. to over 1.00 in. in downpours from strong thunderstorms. Most amounts 0.25 to 0.75 in.

Days suitable for fieldwork 5.8. Soil moisture 20% short, 73% adequate, 7% surplus. Oats emerged 85%, 95% 1991, 87% avg. Potatoes planted 54%, 80% 1991, 71% avg. Processing tomatoes planted 29%, 52% 1991, 42% avg. Pasture 1% very poor, 6% poor, 28% fair, 57% good, 8% excellent. Hay 2% very poor, 5% poor, 32% fair, 54% good, 7% excellent. Warm, dry weather allowed planting to continue apace.

OKLAHOMA: Temperatures 5° above normal south-east to 6° above normal Panhandle. Precipitation 0.59 in. west central to 3.14 in. southeast.

Days suitable for fieldwork 4.9. Topsoil 31% short, 51% adequate, 18% surplus. Subsoil 18% short, 82% adequate. Wheat 6% poor, 60% fair, 34% good; 100% heading, 98% 1991, 96% avg.; 56% soft dough, 56% 1991, 45% avg. Corn 100% planted, 97% 1991, 95% avg.; 82% emerged, 79% 1991, 86% avg. Crop insect activity light. Cattle condition good; marketings average; prices mixed.

OREGON: Temperatures normal to slightly above normal, statewide. Western areas 0 to 4° above normal while eastern areas were 2° above normal. Dry statewide; north coast, south central were the exceptions, receiving 0.15 to 0.30 in.

Soil moisture, 53% short, 47% adequate. Winter wheat condition, 2% very poor, 4% poor, 36% fair, 51% good, 7% excellent. Barley 98% planted. Winter wheat headed 34%. Grain crops ahead of normal. First cutting of hay underway, good conditions. Some frost damage, alfalfa and field

crops. Strawberry harvest, early varieties underway, Northern Willamette Valley. Caneberry fields received first cover sprays, June drop reported in cherries; Willamette Valley. June drops in pears, Hood River Valley, Medford district. Hood River Valley fruit tree irrigation beginning, young blocks. Cranberry bloom good to excellent, cranberry pollination underway; southern coast. Early plantings vegetables emerged, some vegetable planting continues; western areas. Klamath Basin potato planting continued. Asparagus harvest winding down, Morrow County. Livestock good to excellent. Eastern ranges, pastures continue to be extremely dry. Pastures normal to near normal, west. Statewide pasture, range 71% of normal.

PENNSYLVANIA: Temperature 66°, 12° above normal. Extremes 38°; 86°. Precipitation 0.33 in., 0.49 in. below normal.

Days suitable for fieldwork 5. Soil moisture 8% short, 88% adequate, 4% surplus. Plowing 82% complete, 86% 1991, 84% avg. Corn 44% planted, 56% 1991, 46% avg. Soybeans 13% planted, 14% 1991, 14% avg. Oats 89% planted, 93% 1991, 92% avg. Potatoes 60% planted, 67% 1991, 69% avg. Barley 42% pre boot, 26% 1991, 34% avg.; 25% boot, 23% 1991, 24% avg.; 33% heading or headed, 51% 1991, 42% avg. Wheat 56% pre boot, 39% 1991, 56% avg.; 36% boot, 42% 1991, 35% avg.; 8% heading or headed, 19% 1991, 9% avg. Wheat 3% poor, 20% fair, 54% good, 23% excellent. Oats 3% poor, 19% fair, 54% good, 24% excellent. Hay stands mostly good to fair. Alfalfa first cutting 1% complete, 11% 1991, 4% avg. Feed from pastures 4% poor, 29% fair, 67% good. Peaches 4% pre pink, 4% 1991, 6% avg.; 8% pink, 5% 1991, 7% avg.; 88% full bloom or past, 91% 1991, 87% avg. Cherries 5% pre pink, 2% 1991, 6% avg.; 16% pink, 5% 1991, 7% avg.; 79% full bloom or past, 93% 1991, 87% avg. Apples 21% pre pink, 5% 1991, 10% avg.; 15% pink, 9% 1991, 14% avg.; 64% full bloom or past, 86% 1991, 76% avg. Activities: Spraying fruit trees, small grains; spring plowing; planting; hauling manure; spreading fertilizer; maintaining machinery; cutting ryelage, haylage; caring for livestock.

PUERTO RICO: Rainfall of 1.31 in. was 0.24 in. below normal. Highest weekly rainfall 3.95 in. at Juana Diaz Camp, 3.46 in. at Ponce. Highest 24 hour total 3.90 in. at Juan Diaz Camp. Divisional temperatures 78 to 81° on Coasts, 73 to 77° in Interior with mean station temperatures 63.8° at Pico Del Este Luquillo to 81.8° at San Juan WSFO. Extremes 50°; 92°.

SOUTH CAROLINA: Temperatures across the State were near normal. Rainfall 0.25 in. statewide.

Days suitable for fieldwork 5.7. Soil moisture 32% short, 68% adequate. Tobacco fair to good; corn fair to good; cotton fair; 72% planted, 70% 1991, 73% avg. Soybeans 13% planted, 8% 1991, 11% avg. Peaches fair. Watermelons fair to good; 89% planted, 89% 1991, 89% avg. Cantaloupes fair to good; 86% planted, 83% 1991, 84% avg. Cucumbers fair to good; 88% planted, 88% 1991, 88% avg. Snap beans fair to good; 73% planted, 70% 1991, 75% avg. Oats fair to good; 96% headed, 95% 1991, 96% avg.; 45% turning color, 66% 1991, 51% avg.; 15% ripe, 24% 1991, 15% avg. Wheat fair to good; 97% headed, 99% 1991, 98% avg.; 31% turning color, 70% 1991, 50% avg.; 3% ripe, 15% 1991, 11% avg. Rye fair to good; 55% turning color, 66% 1991, 53% avg.; 14% ripe, 16% 1991, 11% avg. Barley fair to good; 3% ripe, 7% 1991, 7% avg. Grain hay fair to good; 49% harvested, 49% 1991, 54% avg. Peanuts fair to good; 79% planted, 82% 1991, 69% avg. Sorghum 12% planted, 27% 1991, 26% avg. Pastures fair to good. Most crops recovering from cool weather earlier in the month. Some cotton is being replanted.

SOUTH DAKOTA: Temperatures slightly above normal. Extremes 20°; 87°. Rainfall measurable most areas, heaviest in the southeast. Maximum 1.58 in.

Days suitable for fieldwork 6. Topsoil 34% critical, 44% short, 22% adequate. Subsoil 29% critical, 44% short, 27% adequate. Rye 5% very poor, 5% poor, 33% fair, 50% good, 7% excellent. Barley 2% poor, 39% fair, 56% good, 3% excellent. Oats 2% poor, 41% fair, 51% good, 6% excellent. Sunflowers 18% planted, 2% 1991, 6% avg. Flax 78%

planted, 53% 1991, 51% avg. Small grains look good, need rain to continue progress. Livestock 10% fair, 79% good, 11% excellent. Low or dry stock dams in west. Pasture 76% of normal, little growth due to dry conditions. Cattle moved to pasture, 60%. Cows calved 92%. Sheep lambled 94%.

TENNESSEE: Weak cold front pushed through from northwest 12th, 13th. The front recrossed State 15th, 16th as weak warm front. Temperatures near normal east, 5 to 10° above normal middle, west. High temperatures upper 70s Cumberland Plateau to 80s elsewhere. Lows, 50s in middle, east to the 60s west. Rainfall was variable: some locations received between 1.00 to 2.00 in., while other received little or no rain.

Days suitable for fieldwork 4.8. Soil moisture 8% very short, 39% short, 50% adequate, 3% surplus. Corn 95% planted, 52% 1991, 77% avg. Cotton 88% planted, 16% 1991, 70% avg. Sorghum 68% planted, 12% 1991, 42% avg. Soybeans 16% planted, 1% 1991, 13% avg. Tobacco 30% transplanted 27% 1991, 22% avg.; 2% poor, 41% fair, 55% good, 2% excellent. Wheat 98% headed, 97% 1991, 95% avg.; 14% turning color, 13% 1991, 15% avg.; 1% very poor, 6% poor, 29% fair, 58% good, 6% excellent. Alfalfa 38% 1st cutting, 34% 1991, 54% avg. Hay 3% very poor, 19% poor, 46% fair, 31% good, 1% exlnt. Pastures 2% very poor, 8% poor, 40% fair, 45% good 5% excellent. Cattle 1% poor, 20% fair, 76% good 3% excellent. Pests heavy on livestock.

TEXAS: Upper level high pressure dominated weather first half of week. Unseasonably warm, dry conditions prevailed with couple daily high temperature records set North Texas. An upper level disturbance triggered some thunderstorms west, Hill country midweek. Series of upper air disturbances produced thunderstorms mainly in east late-week with some heavy rains, flash flood problems developing. Rain, cloudiness lowered temperatures east, south weekend. Overall, amounts more than 1 inch above normal over southern third, below normal for plains. Temperatures near to above normal except for slightly below normal readings far south.

Crops: Small grains maturing rapidly many areas, harvest just beginning few fields in Cross Timbers. Late week rain halted progress much state. Early yields have been good; however, rust problems could effect yields Low Plains, Cross Timbers. Scattered hail damage occurred late week. Fields continued head High Plains where irrigation continued. Dryland fields need additional moisture. Wheat harvested 2%, 1991 1%, 1% avg. Corn planting active High Plains last week. Early fields up good stands. High winds caused some lodging East. Fields continued silk South Central to Rio Grande Valley. Late week rain Central, Blacklands should improve conditions. Silking 5%, 13% 1991, 8% avg. Grain sorghum planting increasing Plains, Cross timbers through midweek. Cultivation active until late week Blacklands. Insect activity increased many fields, some spraying as conditions allow. Fields continued head Coastal Bend, Rio Grande Valley. Late week rains should improve overall condition most areas. Headed 3%, 13% 1991, 7% avg. Cotton planting continued Plains, Cross Timbers as weather permitted. Early fields emerging with good stands. Cultivation occurring until rain arrived Blacklands. Plants continued square Coastal Bend, Valley where insect problems increasing. Late week rain should benefit fields most areas. Excessive rain may cause some losses. Squaring 4%, 6% 1991, 6% avg. Rice planting winding down many fields along Upper Coast. Flushing fields continuing. Weed control activity slowed by weather. Peanut planting progressing through midweek. Early fields emerging good stands. Planting moisture should improve Low Plains, Cross Timbers. Soybean planting continued along Upper Coast, Blacklands. Early fields look good. Other crops: Oats harvested 6%, 10% 1991, 6% avg.; peanuts planted 11%, 6% 1991, 10% avg.; soybeans planted 44%, 32% 1991, 29% avg.; sugarbeets planted 99%, 100% 1991, 100% avg.; sunflowers planted 41%, 15% 1991, 10% avg.

Commercial Vegetables: Rio Grande Valley, melon harvest increasing. Onion harvest winding

down many fields. Rain slowed most activity late week. San Antonio Winter Garden, most vegetable crops doing well. Scattered watermelon fields had insect problems. Onion harvest increase as weather permits. East, tomatoes, peppers showing improved growth. Some sweetpotato slips planted. Light harvest activity occurred minor crops. High Plains, potato, onion fields continued show good progress. Carrots also progressing. Some insect spraying occurred. Trans Pecos, chili growth good. Onions sizing. Harvest increased Presidio area. Melons progressing; however, cool temperatures slowed progress. Peach harvest begun early varieties many areas. Insect problems increasing untreated orchards. The crop expected to be good. Pecan trees setting nuts central, southern areas. Disease problems high many orchards. Casebearer spraying underway central, with producers other areas monitoring trees closely.

Range and Livestock: Ranges, pastures continued provide good forage most areas. Haying operations increasing east as weather permitted. Producers spraying, fertilizing grasses. Livestock remained good condition. Flies becoming increasing problem. Most calves have been worked. Movement off small grains continued. Lamb markets moved downward because high volume sold.

UTAH: Both maximum, minimum temperatures 4° above normal. No rainfall in Dixie. Elsewhere, moderate except light in the Western division.

Days suitable for fieldwork 6.4. Soil moisture 80% short, 20% adequate. Spring wheat jointed or better 47%, 32% 1991. Spring wheat booting or better 13%. Barley jointed or better 54%, 13% 1991. Barley booting or better 19%. Oats emerged 88%, 73% 1991, 79% avg. Winter wheat height 15.1 inches, 9.4 inches 1991, 11.7 inches avg. Winter wheat jointed or better 86%, 38% 1991, 52% avg. Winter wheat booting or better 46%, 12% 1991, 31% avg. Corn planted 85%, 45% 1991, 70% avg.; emerged 54%, 9% 1991, 37% avg.; height 3.3 inches. Alfalfa height 16.5 inches, 9.1 inches 1991, 13.3 avg.; 1st cutting 14%, 5% 1991. Potatoes planted 88%, 64% 1991. Cattle moved to spring pasture 36%, 12% 1991. Sheep moved to spring pasture 22%, 11% 1991. Pasture, range poor to fair.

VIRGINIA: Temperatures below normal the first of the week, normal the end of week. Extremes 39°; 84°. Precipitation near to above normal. Rainfall of up to 6.50 in. recorded in Sussex county.

Days suitable for fieldwork 4.5. Topsoil 1% short, 92% adequate, 7% surplus. Pasture 2% poor, 43% fair, 48% good, 7% excellent. Alfalfa 4% poor, 26% fair, 65% good, 5% excellent. Barley 31% fair, 62% good, 7% excellent. Wheat 26% fair, 66% good, 8% excellent. Apples mostly good. Peaches fair to mostly good. Potatoes fair to good. Other hay 7% poor, 63% fair, 22% good, 8% excellent. Corn 80% planted, 84% 1991, 69% avg.; 3% poor, 67% fair, 24% good, 6% excellent. Soybeans 12% planted, 23% 1991, 12% avg. Cotton 90% planted, 100% 1991, 85% avg. Peanuts 90% planted, 96% 1991, 80% avg. Flue tobacco 67% transplanted, 84% 1991, 50% avg. Fire tobacco 40% transplanted, 45% 1991, 35% avg. Burley tobacco 5% transplanted, 16% 1991, 7% avg. Sun tobacco 35% transplanted, 75% 1991, 58% avg. Harvesting rye for haylage, spraying fruit, cutting hay, spraying winter wheat, clipping tobacco plantbeds, preparing soybean land, planting snaps, cucumbers, picking strawberries, spraying tomatoes, potatoes for Colorado potato beetle.

WASHINGTON: Temperatures normal to 4° below normal, west; 1 to 6° below normal, east. Rainfall 0.01 to 0.48 in. west; none to 0.01 in. east.

Days suitable for fieldwork 6.9. Soil moisture 59% short, 41% adequate. Hay, other roughage 13% short, 85% adequate, 2% surplus. Range, pasture 12% very poor, 44% poor, 44% fair. Winter wheat 72% fair, 28% good. Winter barley 90% fair, 10% good. Potatoes 99% planted, 97% 1991, 96% avg.; 74% emerged, 62% 1991, 62% avg. Spring wheat 99% emerged, 91% 1991, 96% avg. Barley 100% planted, 99% 1991, 99% avg.; 99% emerged, 86% 1991, 93% avg. Dry peas 100% planted, 98% 1991, 99% avg. Absence of rain caused concern as warm, dry conditions stressed crops. Shallow winter wheat areas turning
(Continued to back cover)

**International Weather and Crop Summary
HIGHLIGHTS**

May 10 - 16, 1992

FSU: In western crop areas, continued generally dry weather in the south favors rapid summer crop planting but diminishes topsoil moisture. In the New Lands, spring grain planting is underway, helped by dry weather.

EUROPE: Warm, dry weather prevails in the south. Timely showers continue across the north.

SOUTH ASIA: Pre-planting showers continue over southern India but decline in the east.

EASTERN ASIA: Rain favors reproductive winter wheat in the north. Summer crop planting progresses in Manchuria and the North China Plain.

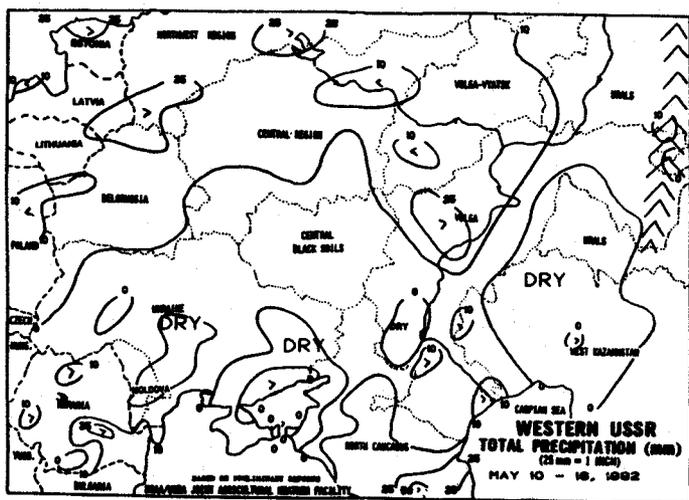
SOUTHEAST ASIA: Much-needed rain, timely for planting, reaches Thailand's corn region.

AUSTRALIA: Rains hamper winter grain planting but increase soil moisture reserves.

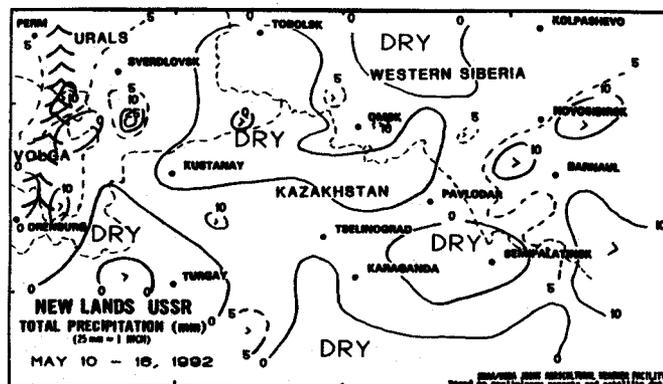
CANADA: Widespread showers are timely for Prairie grain planting. Warm, dry weather benefits Ontario's vegetative winter wheat.

SOUTH AMERICA: Heavy rains delay soybean harvesting in southern Brazil. In Argentina, rain improves soil moisture for winter wheat, as summer crop harvesting progresses.

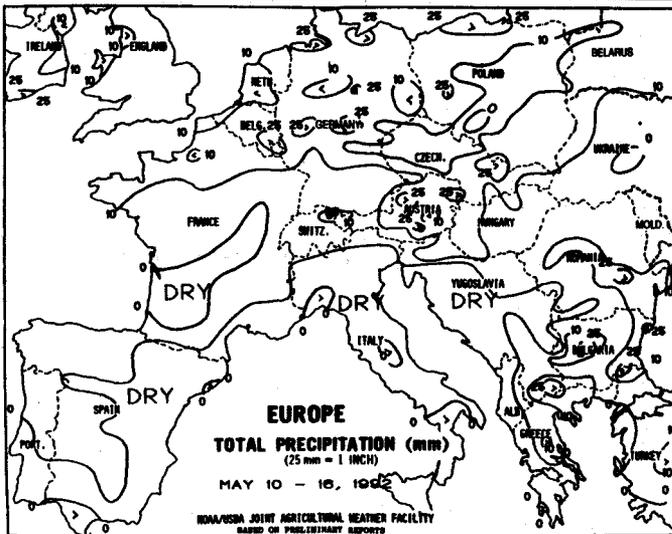
MEXICO: Favorable growing weather exists for corn, coffee, and sugarcane.



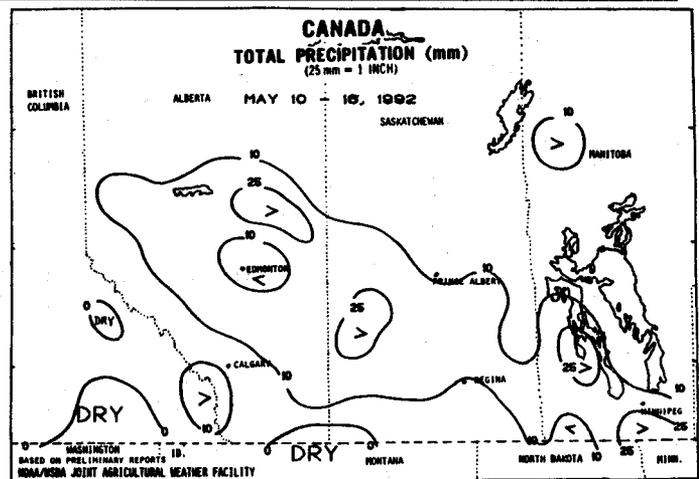
FSU: In western crop areas of the former Soviet Union (FSU), below-normal precipitation (less than 10 mm) continued over Ukraine, Black Soils Region, northern North Caucasus, and the lower Volga. While the generally dry weather allowed corn, sunflower, and sugar beet planting to progress rapidly, moisture reserves in southern Ukraine, eastern Black Soils Region, and lower Volga are becoming limited for summer crop emergence and winter grains approaching the heading stage. Further north, light to moderate rain (10-25 mm, with local amounts in excess of 30 mm) over the Baltic States, Belarus, Central Region, Volga Vyatsk, and upper Volga Valley continued to maintain favorable moisture for emerging spring grains and winter grains in the jointing stage. Average temperatures were near to slightly below normal over the region, lowering crop-water requirements.



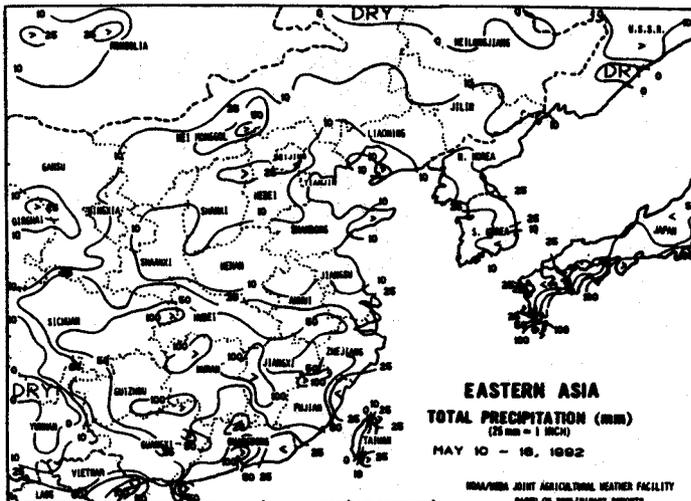
In the **New Lands**, spring grain planting usually begins in mid-May. Little, if any, precipitation (less than 10 mm) covered most spring grain areas, except for isolated locations which received rainfall as high as 39 mm. The generally dry weather pattern allowed rapid spring grain planting. Although average temperatures ranging from 3 to 6 degrees Celsius (C) above normal favored rapid germination, the warm weather increased evaporation rates. As a result, topsoil moisture was becoming limited in northern Kazakhstan and southern crop areas in Western Siberia. In South Central FSU cotton areas, moderate rain (25-65 mm) around Bukhara and Samarkand, Uzbekistan, and western Tajikistan caused local washouts, necessitating replanting.



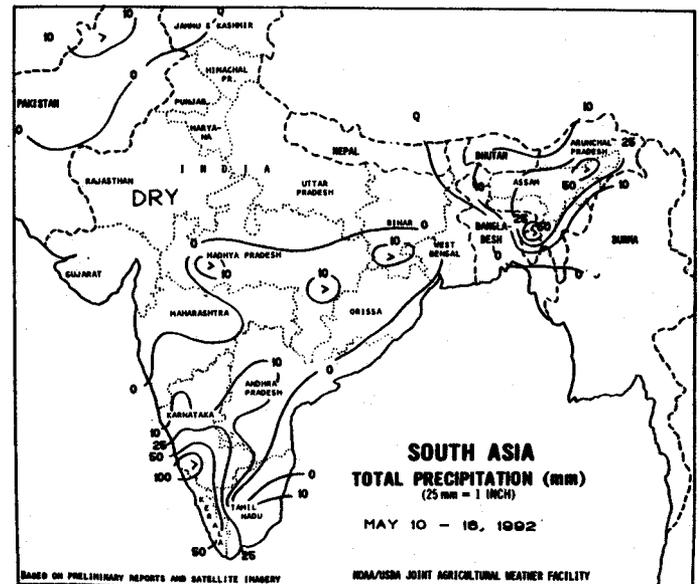
EUROPE: Dry weather prevailed from central France and the Iberian Peninsula, across Italy to the Adriatic coastal region, allowing rapid fieldwork, but moisture reserves are unfavorably low in southern Europe. Beneficial showers (10-30 mm) helped reproductive winter grains and summer crop emergence from northern France to northwestern Poland, maintaining favorable growing conditions across the north. Significant showers (10-28 mm) also covered southwestern Poland, eastern Czechoslovakia, and western Hungary, where growing-season moisture is needed to sustain crop development. Timely moisture (10-33 mm) also helped scattered crop areas in the southeast, but light rainfall (1-6 mm) was insufficient to ease long-term dryness in eastern Hungary and western Romania. Rainfall was also light (1-7 mm) in England. Temperatures averaged 3-8 degrees C above normal in the southwest, slightly above normal across the north, and near to slightly below normal in the east.



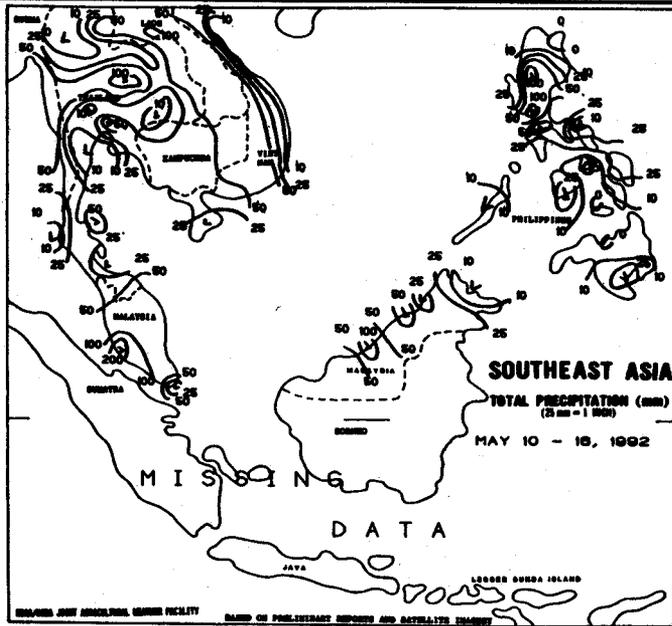
CANADA: Light to moderate showers (10-30 mm) swept across the Canadian Prairies, providing timely moisture for spring wheat germination. However, crop regions in southern Alberta and Saskatchewan received less than 10 mm. These areas need moisture soon for normal crop establishment. Cool weather (temperatures 1-4 degrees C below normal) accompanied the rain, delaying spring grain emergence, and some freezing temperatures possibly burned back vegetative winter grains. In the east, dry, warm weather favored vegetative growth of Ontario's winter wheat.



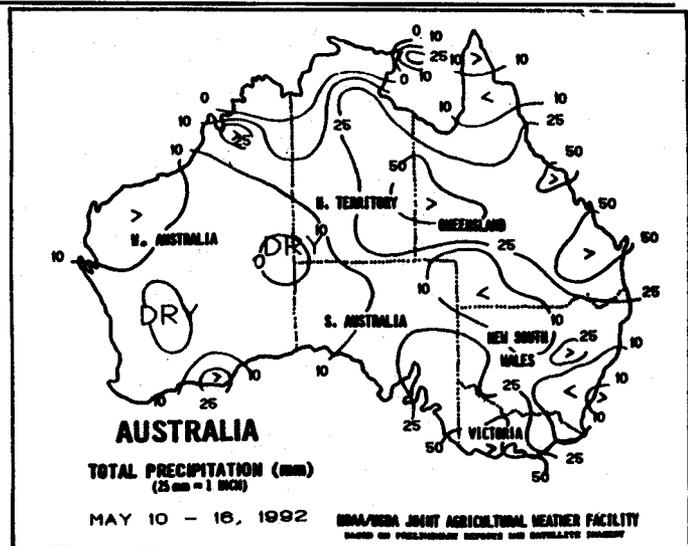
EASTERN ASIA: Light to moderate rain (12-37 mm) covered China's northern winter grain regions of Shanxi and Hebei, favoring reproductive wheat. Yield prospects are currently fair for winter wheat. Lighter amounts (less than 10 mm) fell elsewhere in the North China Plain, which favored corn, rice, and soybean planting. Rainfall was light (3-11 mm) across Manchuria, aiding topsoil moisture and only slowing summer crop planting. Seasonal widespread moderate to heavy rain (50-125 mm) encompassed most of southern China, keeping reservoir levels high. However, isolated heavy rain caused additional flooding in Guangdong, which has been experiencing heavy rainfall over the past month. Temperatures averaged 3-5 degrees below normal across the North China Plain and central China, but near normal across the south and in Manchuria.



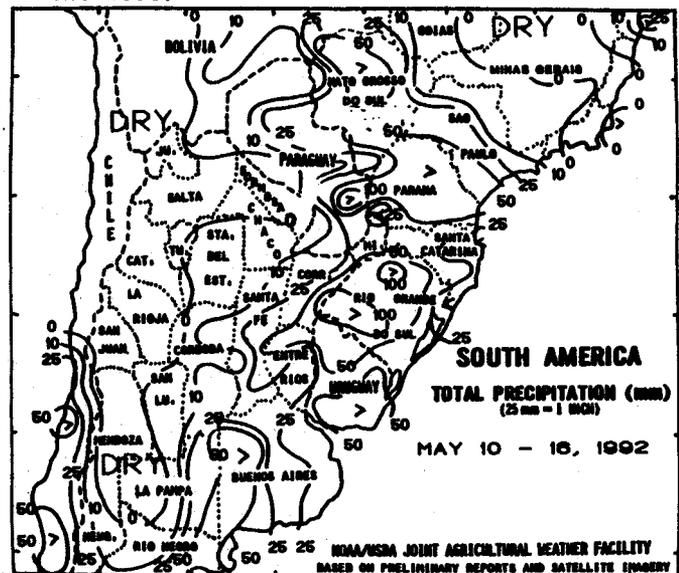
SOUTH ASIA: Showers continued over southern India, with light to moderate rainfall (5-29 mm) improving planting moisture in interior regions of Karnataka and western Andhra Pradesh. Heavy showers (50-107 mm) continued along the southwestern coast. Rainfall tapered off over rice areas of eastern India and Bangladesh, but amounts from 10 to 25 mm or more fell from eastern Bangladesh through Assam. Following recent outbreaks of hot weather, a timely onset of the monsoon is critical to replenish planting moisture in both rainfed and irrigated rice areas from eastern Madhya Pradesh to Bangladesh. Elsewhere, hot weather, accompanied by only scattered, light rain, dominated central and northwestern India and Pakistan. While this pattern is typical of pre-monsoon conditions across south Asia, temperatures have been excessively high over expanding areas since March, depleting moisture reserves and stressing livestock. Satellite imagery suggests a cyclone, that formed in the Bay of Bengal at week's end, threatened coastal regions from Bangladesh to Myanmar.



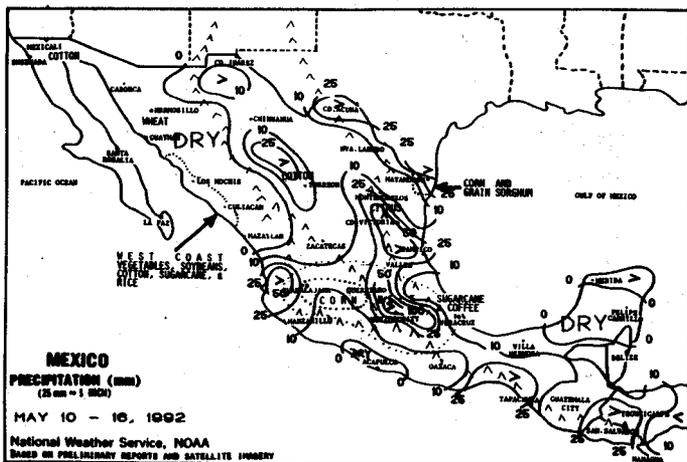
SOUTHEAST ASIA: Much-needed rain, (25-100 mm or more) timely for grain planting, covered a large area of Indochina, including corn regions of Thailand that were experiencing planting delays. While the rain brought periodic relief from hot weather, temperatures averaging 1-3 degrees C above normal for the week maintained high evapotranspiration rates. The showers extended southward along the Malay Peninsula, with inundating rains (100-200 mm) causing some flooding in western Malaysia. In the Philippines, beneficial showers (25-100 mm) covered most of central and southern Luzon, improving moisture for rice and corn germination. Rainfall elsewhere continued to be unseasonably light (10 mm or less). Normal May rainfall typically ranges from 100 to 150 mm in the western and northern Philippines and, while convective activity has picked up over the area, more substantial rain is needed to prevent widespread reductions in yields.



AUSTRALIA: Light to moderate rain (10-77 mm) fell across most of the eastern winter grain areas, delaying winter wheat planting but increasing soil moisture for germination. Little or no rain fell in Western Australia, where planting should be just beginning. Beneficial rain (47-92 mm) aided sugarcane which has been receiving below-normal rainfall this season. Temperatures averaged near normal in the east and 1-3 degrees C below normal in the west.



SOUTH AMERICA: Early-week moderate to heavy rains (27-135 mm) covered most of southern Brazil, from Rio Grande do Sul northward to Mato Grosso do Sul, delaying soybean harvesting. The weather turned drier later in the week, which favored the resumption of fieldwork. Light rain (less than 10 mm) in Minas Gerais and northern Sao Paulo caused only slight interruptions in coffee and sugarcane harvesting. In Argentina, moderate rain (32-69 mm) fell across La Pampa and Buenos Aires, slowing winter grain planting, but increasing soil moisture reserves. Across southern Santa Fe and northern Buenos Aires, the main soybean belt, scattered light to moderate rain (3-30 mm) slowed harvesting. Little or no rain fell in northern Argentina, helping cotton harvesting to progress. Isolated heavy rains (greater than 100 mm) fell in southern Paraguay, causing some soybean and cotton harvest delays, but light rain elsewhere only slowed fieldwork. Temperatures averaged 2-4 degrees C above normal across the summer crop regions of Brazil and Argentina, aiding drydown of mature summer crops.



MEXICO: Light to moderate rain (13-61 mm) fell across the Southern Plateau corn belt, favoring germinating to vegetative corn. Heavier amounts (near 100 mm) in east-central Mexico favored sugarcane and coffee. Dry weather continued along the west coast, aiding winter wheat harvesting and soybean planting.

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(Continued from p. 16)
brown, some frost damage reported. Leaves rolling east, conditions between now, Memorial day critical. Corn planted west, potato growth rapid central. Fruits, berries progress nicely most areas. Post bloom thinning needed central areas. Frost marking reported. Rhubarb harvested west, spinach seeding winding down. Asparagus cut east. Branding, vaccinating reported most areas. Ranchers hauling water to livestock. Pasture conditions holding, most areas need moisture.

WEST VIRGINIA: Temperature 66°. Extremes 39°; 89°. Precipitation 0.76 in.

Days suitable for fieldwork 4.0. Soil moisture, 22% short, 74% adequate, 4% surplus. Tobacco beds, good; 95% planted, 78% emerged. Gardens, good to fair; 39% planted, 26% emerged. Wheat, good. Barley, good. Corn, 41% planted, 31% emerged. Oats, Good; 51% planted, 47% emerged. Hay, 17% poor, 20% fair, 63% good. Apples, peaches good. Pastures, 22% poor, 17% fair, 53% good, 8% excellent; 82% of normal. Hay feed, other feed supplies adequate. Cattle, 19% fair, 77% good, 4% excellent. Sheep, 8% fair, 91% good, 1% excellent. Cows calved, 96%. Sheep lambed, 97%. Activities: plowing, planting corn, fencing, fertilizing, working cattle.

WISCONSIN: Temperature 61°; 6° above normal. Extremes 26°; 89°. Precipitation 0.30 to 2.30 in.

Days suitable for fieldwork 5.5. Soil moisture 30% short, 69% adequate, 1% surplus. Early

assessment of pastures indicate they are in fair condition at 78% of normal. General condition of crops 3% poor, 32% fair, 63% good, 2% excellent. Oats 2% poor, 19% fair, 73% good, 6% excellent; 92% planted, 85% 1991, 94% avg. Corn 67% planted, 56% 1991, 67% avg. Soybeans 20% planted, 22% 1991, 21% avg. Winter wheat 57% very poor, 30% poor, 10% fair, 3% good.

WYOMING: Warm, mostly dry trend continued across State. Temperatures above normal over most of the State. Most temperatures 2 to 7° above normal. Most areas received some rainfall, still had below normal precipitation.

Days suitable for fieldwork 6.2. Topsoil 81% short, 19% adequate. Subsoil 68% short, 32% adequate. Spring wheat 99% planted, 77% 1991, 88% avg.; 82% emerged, 51% 1991, 62% avg. Oats 93% planted, 81% 1991, 81% avg.; 62% emerged, 53% 1991, 52% avg. Barley 96% planted, 85% 1991, 91% avg.; 77% emerged, 69% 1991, 76% avg. Sugarbeets 63% emerged, 39% 1991, 59% avg. Corn 77% planted, 58% 1991, 58% avg.; 22% emerged, 20% 1991, 17% avg. Potatoes 68% planted, 41% 1991, 49% avg.; 45% emerged, 14% 1991, 27% avg. Dry beans 7% planted, 4% 1991, 10% avg. Current winter wheat 9% poor, 77% fair, 14% good. Current rate of hay, range grasses growth compared to average 44% slow, 30% average, 26% above average. Prospects for alfalfa hay 12% poor, 42% fair, 34% good, 12% excellent. Livestock good to excellent. Range livestock moved to summer ranges: cattle, calves 34%; sheep, lambs 29%. Stockwater supplies 54% short, 46% adequate.

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